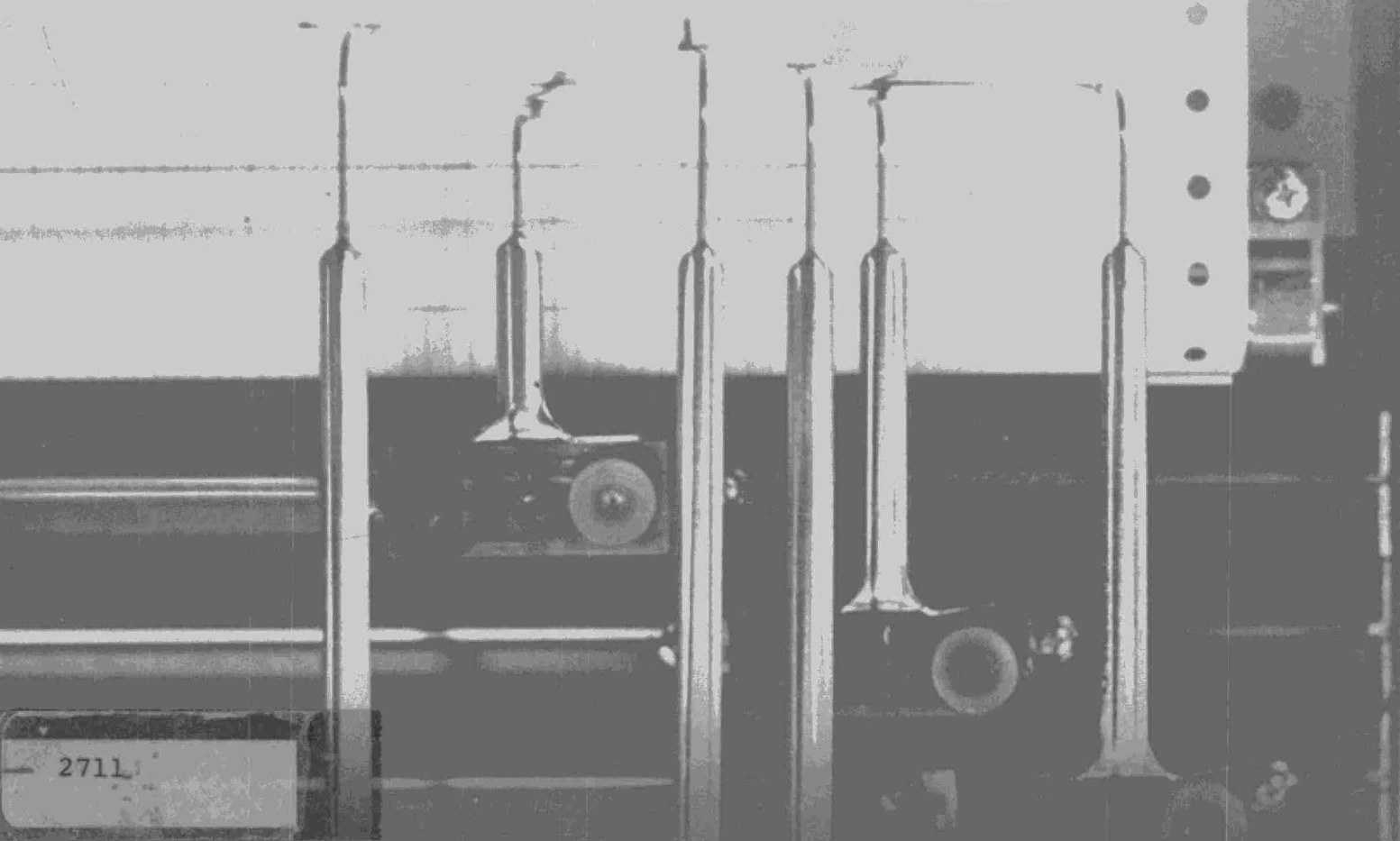


A20N
EV 665
A35
V.4

AIR QUALITY MONITORING REPORT

ONTARIO 1974

VOL.4



2711



Ministry
of the
Environment

Hon. George A. Kerr, Q.C.,
Minister

Everett Biggs,
Deputy Minister

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AIR QUALITY MONITORING REPORT

ONTARIO 1974

VOL. 4



Ontario

Ministry
of the
Environment

Hon. George A. Kerr, Q.C.,
Minister

Everett Biggs,
Deputy Minister

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VOLUME 4

TOTAL OXIDANTS

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31001	67 College St., 5th Flr. Toronto	11	36
33002	Pharmacy-401 Scarborough	12	43
33003	Lawrence-Kennedy Scarborough	12	50
34002	Science Centre North York	10	57
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(a) Saltzman

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NITRIC OXIDE

Chemiluminescence

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OZONE

Chemiluminescence

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	3	1
5	3	2	2	2	2	3	3	4	4	3	3	3	3	3	3	4	3	2	3	2	2	2	2	3	3
6	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	2	1	2	2	1	1	2
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	3	3	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	7	10	8	6	4	2
12	4	4	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	- DATA MISSING -																								
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17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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19	3	2	1	1	1	1	1	2	3	3	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2
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21	1	1	1	1	1	1	2	2	2	4	4	4	3	3	2	2	2	2	2	2	1	1	2	2	2
22	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2
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26	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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28	1	1	1	1	1	1	1	2	3	3	2	2	2	1	1	2	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2
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31	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
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4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1
12	1	1	1	1	1	1	1	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1
13	1	1	1	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1
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19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
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21	4	4	4	3	3	3	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
3	1	1	1	1	1	1	1	1	0.000	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	1	0.000
5	1	1	1	0	0	0	0	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	2	3	0.000	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2
7	2	2	1	1	1	1	1	1	0.000	1	1	1	1	0.000	1	1	1	1	0	0	1	1	1	1	1
8	0	0	0	0	0	0	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	0.000	1	1	1	2	2	2	2	2	2	3	2	2	1	1	1	1
10	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	1	1	1	1	1	2	2	3	0.000	2	2	1	1	1	0.000	0.000	1	1	1	2	2	2	1	1	1
12	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
15	2	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	0.000	2	2	2	2	2	2	1	1	1
16	1	1	1	1	1	1	1	1	1	0.000	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1
17	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	0.000	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2
19	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	0.000
22	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
23																									
24																									
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	1	2	2	2	1	1	2	0.000
26	1	1	1	0	0	0	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
28	1	1	1	0	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0.000	0.000	1	1	0.000	1	1	1	1	0.000	0.000	0.000	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
3	1	1	1	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
4	1	1	1	1	1	1	1	2	2	0.000	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	0.000	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	0	0	0	0.000	0	1	1	1	1	1	1	1	1	2	1	1	1	2	1
7	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	1	1	0.000	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1
9	1	1	0	0	0	0	1	0	0	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
10	1	1	0	0	0	0	0	0	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
11	2	1	1	1	1	1	1	2	2	0.000	2	2	1	2	2	2	2	2	2	2	2	2	1	2	2
12	1	2	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	2	2	2	2	2	2	2	2	0.000	2	2	3	2	3	3	3	3	3	3	3	3	3	3	2
14	3	4	3	3	2	1	1	1	1	0.000	2	1	1	1	2	2	2	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	0.000	1	1	0.000	0.000	0.000	0	1	1	1	1	2	2	2	1	1
17	1	1	1	1	1	1	2	1	1	0.000	2	2	2	2	2	2	2	1	1	2	2	2	1	1	1
18	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	1	1	1	0	0	0	0	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
20	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
22	2	2	2	2	2	1	1	2	2	1	1	1	2	2	0.000	0.000	0.000	2	2	2	2	2	1	1	2
23	1	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
24																									
25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	2	2	2	2	2	2	0.000
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2
27	6	6	8	9	7	6	5	4	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2
29	2	2	2	2	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
MEAN	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1	2	2	2	1	2	1

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	4	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2
19	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
20	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2
21	2	2	2	2	2	1	1	1	1	1	1	1	3	3	4	4	4	4	5	5	4	3	3	3	3
22	3	3	3	3	3	3	4	5	5	5	5	5	3	3	3	3	3	3	2	2	2	2	2	2	3
23	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1
28	6	8	8	6	6	6	7	6	4	4	4	4	2	2	3	3	3	2	2	2	2	1	2	4	1
29	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	2	1	1
30	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	1	2	4	3	3	2	2	2
31	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
2	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2
3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
4	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	3	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
15	2	3	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
16	2	3	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
17	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	3	3	3	3	3	3	3
18	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	4	3	4	4	3
20	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
21	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
2	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
3	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
4	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
5	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
6	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
7	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
8	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
9	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
10	5	5	5	4	5	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
11	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	3	3	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	2	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 48

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
2	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
3	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
4	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
5	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
6	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
7	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
8	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
9	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
10	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
11	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
12	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
13	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
14	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
15	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
16	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
17	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
18	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
19	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
20	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
21	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
22	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
23	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
24	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
25	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
26	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
27	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
28	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
29	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
30	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2
31	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	8	9	5
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	3	10 /
FEB	28	1	2	4
MAR	29	1	2	3
APR	29	1	4	9 /
MAY	31	1	4	8
JUN	29	2	4	9 /
JUL	16	3	3	8
AUG	31	2	5	9 /
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC		DATA MISSING		
YEAR	223	2	5	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL OXIDANTS

UNIT - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	345	286	16	3	0	0	650
FEB	566	34	7	0	0	0	607
MAR	508	92	0	0	0	0	600
APR	381	238	7	3	0	0	629
MAY	447	197	21	3	0	0	668
JUN	115	434	46	5	0	0	600
JUL	18	308	31	2	0	0	359
AUG	198	414	71	11	0	0	694
SEP		DATA MISSING					
OCT		DATA MISSING					
NOV		DATA MISSING					
DEC		DATA MISSING					
YEAR	2578	2003	199	27	0	0	4807

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.2	0.6	0.9	1.5	2.5	3.0	3.9	4.9	10	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	1	1	1	0	1	1	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1
16	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	
21	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	
22	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	
23	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	
25	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	
27	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
30	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	2	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	2	2	1	1	2	2	2	2	2
6	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
7	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11																									
12																									
13																									
14																									
15	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1
16	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2
19	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	2	4	5	4	3	3	2	2	2	2	2	2	3	4	3	2	1	1	2
22	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	1	1	2
23	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
25	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1
27	3	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
28																									
MEAN	1	1	1	1	1	1	1	1	2	1	2	2	1	2	2	2	1	1	1	2	2	2	1	1	1

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	0	1	2	2	3	2	3	2	2	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
16	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1
21	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	2	2	2
28	2	2	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	2	3	3	3	2
29	1	1	1	1	1	1	1	1	1	2	2	3	3	4	5	4	4	3	3	3	3	3	3	3	2
30	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
31	2	2	2	2	3	3	2	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	6	7	0	3
2	4	2	1	1	1	1	1	2	2	2	2	2	2	2	3	4	6	6	4	3	2	2	3	0	3
3	3	2	2	2	1	2	3	5	6	6	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
4	4	4	4	3	3	3	2	2	2	2	2	2	3	3	3	3	4	4	6	6	8	6	5	0	4
5	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	1	0	2
6	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	4	0	2
7	2	3	5	4	2	1	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	3	2	3	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	3	1	3	3	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	2	2	2	3	3	0	3
11	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	3	4	0	2
12	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	3	3	0	2

PERCENTAGE OF DATA VALID - 57

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS

OTTAWA

NO 51001

MONTH MAY

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	0	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3
5	2	1	1	1	0	0	0	0	0	0	1	1	1	2	2	3	3	3	4	4	4	4	4	4	4
6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	2	2	2	1	1	1	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2
9	1	2	2	1	2	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
11	1	2	1	1	0	0	0	0	0	0	1	2	2	3	3	4	4	4	4	4	3	3	2	0	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	0	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	1
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29	0	0	1	1	1	1	1	1	2	1	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
31	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	0	2

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS

OTTAWA

NO 51001

MONTH JUN

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
3																									
4																									
5	3	3	3	2	3	3	2	3	3	3	4	4	4	4	5	4	5	4	4	3	3	3	3	3	4
6	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	4	5	6	6	5	4	4	4	4	3
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
22	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	0	0	1
23	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
25	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	0	1
26	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1
27	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	0	3
28	3	3	2	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29																									
30																									
MEAN	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	0	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0	1	2
FEB	24	1	2	5
MAR	25	1	3	5
APR	19	2	4	8
MAY	16	2	2	4
JUN	27	2	5	7
JUL	DATA MISSING			
YEAR	142	1	5	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL OXIDANTS

UNIT - 0.01 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	724	1	0	0	0	0	725
FEB	321	171	6	0	0	0	498
MAR	403	124	6	0	0	0	533
APR	43	328	38	2	0	0	411
MAY	178	152	12	0	0	0	342
JUN	241	291	58	2	0	0	592
JUL	DATA MISSING						
YEAR	1910	1067	120	4	0	0	3101

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71	0	0.2	0.5	0.8	1.3	2.3	2.9	3.7	4.2	8	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18	0	0	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2	2	2	2	1
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
22												- DATA MISSING -													
23	2	2	2	3	3	3	3	2	3	3	1	2	2	2	3	1	2	1	1	1	1	2	2	2	2
24	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2
25	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	2	3	3	3	3	4	3	3	3	3
26	3	4	3	3	3	3	4	4	4	3	3	4	4	4	5	6	5	5	5	5	5	5	5	5	4
27	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	4	4	3	3	3	3	4	4	5	5	5	5	4	5	5	5	4
29	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	5	4
30	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
31	5	5	4	4	4	4	4	5	5	5	5	5	5	6	6	5	5	6	6	5	4	7	7	7	5
MEAN	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	3	4	3	3	3	3	5	5	6	5	4	4	5	5	***	***	***	***	***	***	***	***	4
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	2	2	1	1	1	1	1	1	***
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
9	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	2	3	2	1	1	1	2	2
11	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
12	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	***	***	***	***	***	1
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	1	1	0	0	1	1	1	1	***
27	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	0	1	2	2	2	1	1	1
28	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MEMORIAL PK CORNWALL

NO 56051

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	1	1
2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1
3																									
4																									
5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	1	2	2	2	2	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	1	2	1	2	0	1
9	1	1	1	2	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2
10	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1
11	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	2	2
14	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21																									
22	1	1	1	2	2	2	2	1	1	1	0	0	1	1	1	2	2	2	2	1	1	1	1	1	1
23	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

STATION - MEMORIAL PK CORNWALL

NO 56051

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0	0
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 8

UNITS - 0.01 PARTS/MILLION

MONTH MAY 74

13 14 15

[illegible]

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

UNITS - 0.01 PARTS/MILLION

MONTH JUN 74

[illegible]

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - *MEMORIAL PK CORNWALL

NO 56051

POLLUTANT - TOTAL OXIDANTS

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	3	5	7
FEB	10	1	4	6
MAR	28	1	2	3
APR	4	0	0	2
MAY	25	0	1	3
JUN	8	1	1	2
YEAR	88	1	5	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL OXIDANTS

UNIT - 0.01 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	69	134	106	3	0	0	312
FEB	127	62	11	0	0	0	200
MAR	525	101	0	0	0	0	626
APR	58	3	0	0	0	0	61
MAY	454	11	0	0	0	0	465
JUN	119	16	0	0	0	0	135
YEAR	1352	327	117	3	0	0	1799

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
41	0	0.1	0.4	0.7	0.9	2.4	3.5	4.5	4.9	7	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	2	2	3	3	3	3	3	3	4	3	2	2	2	2	3	3	3	3	3
2	2	2	2	2	1	2	4	3	5	5	5	4	3	3	4	4	8	4	4	3	3	3	3	4	3
3	4	4	3	3	3	3	3	3	4	5	5	5	5	5	6	6	7	8	7	6	5	5	5	7	5
4	6	4	3	2	2	3	3	3	4	5	5	5	4	4	4	5	6	6	7	7	7	7	7	6	5
5	7	7	6	5	5	5	4	5	6	6	5	6	5	4	4	4	4	4	4	7	4	3	3	3	5
6	3	4	5	5	5	4	4	4	4	4	4	5	4	4	4	4	3	3	4	4	5	4	3	3	4
7	3	2	2	2	2	3	4	3	2	3	4	4	3	3	3	3	5	3	3	3	3	3	3	4	3
8	3	3	3	2	2	3	7	12	13	9	5	3	3	3	3	3	4	3	3	3	4	3	3	3	4
9	4	3	2	2	3	3	4	5	5	5	4	4	4	4	4	5	6	7	6	6	5	4	4	4	4
10	4	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5	6	6	5	4	4	5	5	4	5
11	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	6	5	4	4	4	4	4	5	5
12	6	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	4
13	3	3	2	2	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2
14	2	2	2	1	2	2	3	4	3	3	3	3	5	4	3	3	4	4	4	4	4	4	5	7	3
15	5	4	3	3	3	3	4	4	5	4	4	4	5	5	5	5	6	5	4	6	5	5	5	7	5
16	5	3	3	4	4	3	4	4	6	8	5	5	6	6	6	6	8	6	7	8	7	8	8	6	6
17	5	4	3	3	3	3	3	3	4	4	3	4	4	4	3	3	4	3	3	3	3	3	3	2	3
18	2	2	2	3	3	3	3	4	4	5	5	5	4	6	5	6	9	7	6	6	6	10	11	8	5
19	6	5	4	3	3	3	4	4	4	5	4	4	3	3	3	3	4	4	5	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	4	4	5	5	6	7	8	7	6	5	5	4	3	3	3	4
21	3	3	3	2	2	5	5	5	5	3	3	3	3	3	3	4	6	4	3	3	3	3	3	3	3
22	3	3	3	3	3	4	5	5	6	5	6	4	4	5	4	5	8	4	4	5	4	4	5	7	5
23	6	3	3	3	3	3	3	3	4	3	4	4	3	3	3	4	5	4	3	4	4	4	3	3	4
24	3	2	2	2	2	2	3	4	4	3	3	3	4	3	3	3	7	3	4	4	4	2	3	4	3
25	4	4	4	5	3	6	4	5	5	5	6	5	7	6	6	6	7	6	7	7	6	6	5	5	5
26	5	6	5	5	4	4	5	6	6	5	6	6	6	6	5	6	6	7	7	6	5	5	5	5	6
27	5	5	5	5	4	4	4	4	5	4	4	4	5	5	5	5	4	4	5	5	5	5	5	4	5
28	3	4	3	4	4	4	4	6	6	5	5	5	5	5	5	6	8	8	7	8	6	5	3	4	5
29	4	3	3	3	3	3	3	3	5	4	3	4	4	4	4	4	7	6	8	4	5	4	4	4	4
30	4	3	3	3	3	3	4	5	5	4	4	5	4	5	5	8	5	5	5	5	4	4	4	4	4
31	4	3	3	3	3	3	4	4	7	5	3	3	4	3	3	3	4	4	3	3	2	2	2	2	3
MEAN	4	4	3	3	3	3	4	4	5	5	4	4	4	4	4	4	6	5	5	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	3	3	3	4	5	5	4	3	4	5	6	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
7	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	4	4	3	3	3	3	5	6	7	6	6	6	5	4	5	5	5	4	4	4	4	3	3	4	4
9	3	2	2	2	2	2	2	2	3	4	3	6	6	5	3	3	3	3	2	3	3	3	3	4	3
10	4	3	3	2	1	1	2	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1	2
11	0	0	0	0	1	1	2	2	3	2	2	3	3	3	2	3	6	3	2	2	3	3	4	4	2
12	4	4	3	3	2	3	5	6	8	6	4	4	4	4	4	5	7	6	6	6	6	7	6	5	5
13	4	4	4	4	4	4	6	10	8	6	6	7	7	7	6	6	6	5	5	4	3	4	4	3	5
14	3	2	2	2	3	3	4	4	4	3	3	3	3	4	4	4	5	4	4	4	3	4	3	3	3
15	2	2	2	3	3	3	4	4	4	3	3	4	3	3	4	4	6	5	5	4	4	4	4	3	4
16	3	3	3	3	4	3	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
17	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	4	4	4	4	5	7	5	4
18	3	3	2	2	2	2	3	4	4	3	3	3	3	3	3	5	6	4	3	3	3	3	4	3	3
19	3	3	3	3	3	3	4	5	6	6	5	6	7	8	9	12	12	7	4	4	4	4	4	4	5
20	4	4	3	3	3	3	4	6	7	6	7	5	4	4	5	5	6	6	7	8	8	7	8	9	6
21	8	6	5	4	3	4	4	5	6	5	4	5	5	5	5	6	7	6	5	5	5	6	6	5	4
22	5	5	5	5	5	5	6	6	6	5	4	4	4	4	4	4	4	3	3	2	2	1	1	1	5
23	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
25	0	0	0	0	0	0	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26																									
27																									
28																									
MEAN	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	5	4	4	4	3	3	4	4	3

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	3	2	2	2	3	3	3	6	3	4	4	5	6	4	5	5	7	5	4	4	3	3	4	5	4
5	3	3	3	3	2	2	3	3	4	4	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3
6	2	2	2	2	2	2	4	3	3	2	2	2	2	3	3	3	5	4	6	5	4	4	4	3	3
7	3	3	3	3	3	3	6	8	10	5	4	4	3	2	2	2	3	2	2	2	2	1	1	1	3
8	2	2	1	1	2	2	2	2	2	4	4	4	4	4	5	5	6	5	4	3	4	4	4	4	3
9	3	4	3	3	3	3	4	4	4	5	5	5	9	10	5	8	9	8	7	5	4	3	3	3	5
10	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	4	5	5	5	5	4	5	5	4
11	4	3	3	4	3	3	4	5	***	4	4	4	4	4	4	5	5	4	5	3	3	3	3	3	4
12	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3
14	3	2	2	2	3	3	4	5	5	4	4	3	4	4	4	4	4	4	4	3	3	3	3	3	3
15	3	3	3	3	3	3	4	5	5	4	4	3	3	4	4	5	6	5	5	4	4	4	4	4	4
16	4	4	4	4	4	4	4	5	5	5	5	5	4	4	3	3	3	3	3	3	4	4	4	4	4
17	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	4	6	5	***	4	4	4	4	4	4	4	5	4	4	4	4	5	5	4	4
19	5	5	5	4	3	4	4	5	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4
20	3	3	3	3	3	3	5	7	7	5	4	3	3	3	4	3	4	4	4	5	4	4	4	4	4
21	4	3	3	4	4	4	5	6	5	6	6	4	4	4	4	4	4	4	3	3	3	3	4	4	4
22	4	4	3	3	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	5	4
23	4	4	4	6	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	3	4
24	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3
25	3	2	2	2	3	3	5	4	3	3	3	3	3	3	3	3	4	3	4	3	4	4	4	4	3
26	4	4	4	4	4	4	4	5	***	4	4	4	4	4	4	4	5	4	4	4	4	4	3	3	4
27	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	5	5	5	5	3	3	3	3	3
28	3	3	3	3	3	3	3	3	4	4	3	4	3	4	3	3	5	4	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	6	5	4	5	5	5	5	5	4	4
30	4	4	4	3	3	3	3	4	5	6	5	5	5	5	7	8	7	7	6	5	5	5	4	4	5
31	4	4	4	4	3	3	3	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	6	6	4
MEAN	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	4	3	4

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	4	5	4	5	4
2	5	5	5	4	4	4	3	4	4	3	4	4	4	4	4	4	5	4	4	5	4	4	4	4	4
3	5	5	4	4	4	4	4	5	5	4	4	4	5	5	4	5	6	5	5	5	5	5	5	5	5
4	4	4	4	4	4	5	6	7	5	5	5	5	5	5	5	4	5	4	3	3	4	4	4	3	4
5	3	4	4	4	3	4	4	5	4	4	4	4	4	4	5	5	6	5	4	4	4	4	5	5	4
6	4	4	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	4	3
7	3	3	3	3	3	3	3	3	3	3	3	5	4	4	3	3	3	3	3	3	2	3	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
9	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	2
10	3	5	5	4	3	4	9	8	7	4	3	3	3	3	2	2	4	3	3	3	3	3	3	4	4
11	3	3	3	2	2	3	3	4	4	4	4	4	4	5	4	4	4	4	3	4	5	5	4	4	4
12	5	4	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	4	5	4	4	4	4	4	4	5	5	4	5	5	5	6	6	7	7	6	6	5
14	6	6	5	5	4	4	4	4	4	5	5	5	5	5	4	4	5	5	4	3	3	3	3	3	4
15	2	2	3	3	2	3	3	3	2	2	3	3	3	3	4	4	4	4	4	4	6	7	8	4	4
16	4	4	3	3	4	9	15	11	10	5	4	3	3	4	3	3	4	3	3	3	3	4	5	6	5
17	6	5	4	3	4	5	7	7	5	5	4	4	4	***	***	3	4	4	4	4	5	5	5	6	5
18	6	5	5	4	4	6	8	6	5	5	5	5	6	6	5	4	5	4	5	4	4	4	4	3	5
19	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	4
20	6	5	4	4	4	4	5	5	4	4	3	3	3	4	4	4	4	4	4	5	4	4	4	5	4
21	5	5	6	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5
22	5	5	5	5	4	4	5	5	5	***	***	6	6	6	5	6	6	5	5	4	3	3	3	3	5
23	3	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	10	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	8	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	7	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	6	6	5	6	7	7	6	6	6	***	***	5	5	5	5	5	5	5	5	6	6	6	6	6	6
30	6	5	4	4	4	5	5	5	4	5	4	5	5	5	4	5	5	4	4	3	3	3	3	4	4
MEAN	4	5	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	4	5	4	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	3
2	1	1	1	1	2	2	3	3	2	2	2	1	2	2	2	3	2	2	2	2	2	2	3	3	2
3	3	3	3	3	4	4	6	6	5	4	4	5	5	5	4	4	4	3	3	3	3	3	3	2	4
4	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	3	2	2	3	4	3	3	2	3	3	2	3	3	3	3	3	3	3	4	3
6	3	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	4	3
7	4	3	3	3	3	4	5	5	4	4	3	3	3	3	3	3	3	2	2	3	4	4	4	4	3
8	3	3	3	3	4	5	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	3	3	3	3	3	3	4	5	4	4	4	5	4	4	5	6	5	4	3	4	4	4	4	4	4
10	4	3	4	4	5	8	8	7	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4
11	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	5	5	5	5	4
12	5	5	4	4	4	4	4	4	4	5	4	3	4	4	3	3	3	3	3	3	3	3	3	3	4
13	3	3	3	3	3	4	3	4	3	4	4	4	4	4	4	4	4	4	5	4	5	4	4	3	4
14	3	3	4	4	4	4	4	4	4	4	4	5	6	7	6	6	6	6	7	6	8	6	6	6	5
15	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	4	4	3	3	3	4	4	4	4	5	5	5	5	5	6	6	6	7	7	6	5	5	5	5
17	5	5	5	5	5	6	6	6	6	8	6	6	5	5	5	6	6	7	6	6	5	5	5	5	6
18	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	5	5	5	5
19	5	5	5	4	4	4	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4
20	4	5	5	5	5	5	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	3	4
21	3	3	3	3	3	3	4	5	5	5	6	8	8	8	6	7	5	5	5	5	6	5	5	5	5
22	5	6	6	7	7	8	8	9	8	5	6	6	6	5	6	7	6	5	5	5	5	5	5	5	6
23	6	6	5	5	4	5	7	5	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4
24	4	4	2	2	3	3	3	3	3	2	2	2	3	3	2	3	3	3	2	2	3	3	3	3	3
25	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	2	3	3	3	3	4	4	4	4	3
26	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
27	4	3	3	5	5	5	5	4	4	4	4	4	6	6	5	5	5	4	4	5	6	6	6	6	5
28	6	6	6	4	5	5	18	6	4	4	4	5	5	5	5	6	5	5	5	5	5	5	5	5	5
29	6	5	6	6	9	7	9	8	7	6	5	6	6	6	5	6	6	6	6	6	6	6	6	6	6
30	5	5	5	5	5	5	6	6	4	4	4	4	4	5	5	6	5	5	7	6	5	5	5	5	5
31	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	6	5	5	5	5
MEAN	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	5	6	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	6	6	6	5
2	7	8	8	7	8	8	6	6	6	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	6
3	5	5	4	3	5	6	7	7	7	5	4	4	4	7	3	4	4	4	3	4	5	5	5	5	5
4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	4	4	4	5	5	6	5	5	5	6	6	5	5	5	5	6	6	6	6	6	6	7	5
7	7	6	6	5	6	6	6	7	6	5	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6
8	6	6	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	6
9	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10	6	6	6	5	5	4	5	5	4	5	5	4	5	5	5	5	5	6	6	7	6	5	5	5	5
11	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	6	6	5	5	5	5	7	6	6	5
12	6	5	4	4	4	5	6	6	5	4	4	4	4	3	4	4	3	4	4	4	4	5	7	7	5
13	6	5	4	4	4	5	6	7	7	5	5	5	4	5	5	4	4	4	5	5	5	7	8	7	5
14	5	5	4	4	4	5	5	6	6	5	4	4	4	4	5	5	4	4	5	5	5	6	6	6	5
15	5	5	5	5	4	4	5	5	5	5	5	5	5	7	7	6	6	5	5	5	5	5	5	7	5
16	6	5	6	6	5	4	4	4	5	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4
17	4	3	3	4	4	4	4	5	4	4	4	4	4	4	5	7	6	5	4	4	4	4	4	5	4
18	7	5	5	4	4	6	6	6	7	7	6	6	6	5	7	6	7	7	9	8	8	8	8	7	6
19	5	4	4	4	5	6	6	6	7	6	6	6	6	6	6	7	6	7	9	9	9	9	9	9	6
20	8	7	6	6	6	8	10	10	10	7	6	6	6	5	5	5	4	5	5	6	6	5	5	8	6
21	5	5	4	4	4	5	5	5	6	5	5	5	5	7	6	7	7	7	9	7	7	7	7	8	6
22	8	9	9	7	5	6	6	6	6	6	6	6	6	7	7	7	6	6	6	6	6	6	6	6	6
23	6	6	6	5	5	5	6	6	5	5	5	5	6	5	5	5	5	5	5	6	6	6	6	6	5
24	5	4	4	4	4	5	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4
25	4	3	3	3	4	4	5	5	5	4	4	4	4	4	4	5	4	4	4	4	4	5	5	4	4
26	4	4	4	4	4	4	5	7	6	6	5	4	4	4	4	4	4	4	5	6	7	8	11	5	5
27	10	9	8	8	7	7	7	6	5	4	4	4	5	4	4	5	4	4	5	5	6	6	6	6	6
28	6	6	7	6	5	5	5	5	5	6	5	4	4	4	4	5	5	5	6	6	6	6	6	6	5
29	6	7	6	6	6	6	6	7	6	6	5	5	5	5	5	5	5	5	6	7	6	6	6	6	6
30	5	5	5	5	5	5	5	6	6	5	6	7	6	6	6	5	5	5	6	6	6	6	7	7	6
MEAN	6	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	5	6	6	6	6	5	6	5	4	5	4	4	4	4	4	5	5	7	8	17	8	6	6
2	5	4	4	4	4	4	5	5	6	6	7	9	9	8	6	7	7	8	8	7	8	8	8	8	6
3	7	7	8	9	9	6	9	9	8	7	7	6	6	6	7	7	8	8	9	10	10	10	10	9	8
4	6	4	3	4	5	5	6	7	7	7	6	7	6	6	7	7	6	6	7	7	7	7	7	7	6
5	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	7	6
6	7	7	8	8	9	9	8	8	8	9	8	8	7	7	6	6	7	7	7	7	7	7	8	9	8
7	10	9	10	10	10	11	9	7	8	9	8	9	8	7	7	7	7	9	8	9	8	8	8	8	9
8	7	6	6	7	8	11	12	10	7	11	7	7	7	6	5	5	6	6	6	6	8	8	7	8	7
9	9	9	8	7	7	9	10	7	7	6	6	6	6	5	5	6	6	7	7	8	9	8	7	7	7
10	7	6	5	5	5	5	6	8	6	6	6	6	6	6	6	9	7	5	6	6	5	5	5	5	6
11	5	5	5	5	4	4	4	4	5	5	6	6	6	7	6	6	5	5	5	5	5	6	5	6	5
12	6	6	5	5	5	4	5	5	6	7	7	7	7	7	7	1	1	1	1	1	1	1	2	4	4
13	2	1	2	1	2	4	3	3	5	3	1	1	1	1	2	2	2	2	3	3	3	4	4	7	3
14	3	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	5	6	7	7	5	4
15	3	4	2	1	3	5	6	6	6	5	5	4	4	5	5	5	5	5	6	5	5	5	5	5	4
16	4	4	4	4	4	4	5	6	7	5	6	6	5	5	5	5	5	5	6	6	6	6	7	7	5
17	6	7	7	7	7	7	8	7	7	7	6	6	7	7	7	7	6	6	7	7	7	7	9	8	7
18	7	7	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19	8	8	7	7	7	7	7	8	7	7	7	7	7	6	6	6	6	6	6	8	8	7	7	7	7
20	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	7
21	7	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	8	6	5	6
22	4	4	4	4	5	5	7	9	6	6	6	6	7	7	7	8	7	6	5	5	5	5	5	5	6
23	5	5	4	4	4	4	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	6
24	7	7	6	6	6	7	8	9	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	6	6	5	5	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	6
PERCENTAGE OF DATA VALID -	74																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	6	6	6	7	7	5	5	4	5	4	4	5	5	5	5	5	6	6	6	7	6	6
2	7	7	6	6	6	6	7	7	5	5	4	5	5	5	5	6	6	5	7	7	8	7	7	7	6
3	6	6	6	5	5	5	5	5	5	6	5	6	6	6	6	6	6	6	6	8	7	8	7	7	6
4	8	7	7	6	6	6	5	6	5	6	6	6	5	8	6	6	7	6	6	5	5	6	7	7	6
5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	5
6	7	7	7	7	7	8	10	9	8	9	8	6	6	6	5	5	5	5	6	7	8	8	8	7	7
7	7	7	7	6	6	6	8	7	6	6	6	6	6	5	6	7	6	5	6	7	7	7	7	7	6
8	6	6	6	6	6	6	7	6	7	7	7	7	6	6	6	7	7	6	6	6	7	7	7	7	6
9	8	8	8	7	7	6	7	7	7	6	6	6	6	6	6	6	6	5	6	7	6	7	7	7	7
10	7	6	5	5	5	6	7	6	6	6	6	5	5	5	5	6	6	6	6	6	6	7	6	6	6
11	7	6	6	6	6	6	6	5	6	5	5	5	5	5	5	5	5	6	5	5	6	5	5	5	5
12	5	5	5	6	6	6	7	8	6	5	4	4	4	4	5	5	5	5	5	4	6	5	5	5	5
13	6	4	6	8	8	9	5	6	6	6	6	6	5	6	7	7	6	6	5	5	5	5	4	4	6
14	4	4	4	3	4	4	5	5	5	4	4	5	5	5	5	5	5	4	4	5	4	4	4	4	4
15	5	5	4	4	4	5	7	7	5	5	5	5	6	5	5	5	4	5	5	5	5	4	4	5	5
16	5	5	4	4	4	6	7	7	6	6	6	6	5	5	5	6	5	6	6	8	8	7	7	6	6
17	6	6	6	6	5	4	5	4	5	4	4	4	4	4	5	5	5	5	5	5	6	6	6	6	5
18	5	5	6	5	5	5	5	5	6	6	5	6	5	5	5	5	5	6	5	5	6	6	6	6	5
19	6	5	5	4	5	6	6	7	7	5	6	6	6	6	5	5	5	4	4	6	7	6	6	5	6
20	5	5	4	4	4	5	9	9	8	7	6	5	5	5	5	6	5	5	5	6	6	5	5	5	6
21	5	5	5	5	5	6	9	11	9	5	5	5	5	5	5	4	4	4	5	5	6	6	6	6	6
22	6	6	6	6	6	6	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	6	6	6	6	7	7	7	8	9	6	5	6	8	6	8	8	6	5	5	5	5	5	5
24	4	5	5	4	4	4	4	4	4	5	4	5	4	5	5	4	5	5	4	5	5	5	6	5	6
25	6	6	5	5	4	5	4	4	4	4	4	5	5	5	6	6	5	5	6	5	6	5	5	4	5
26	4	4	4	4	4	6	10	7	7	6	6	6	8	6	5	5	6	5	6	6	7	6	5	5	6
27	12	9	16	8	4	6	7	7	6	6	6	6	5	5	6	6	5	5	4	4	5	4	4	4	6
28	4	4	4	4	4	4	6	7	6	5	4	4	5	4	5	5	5	4	4	4	4	4	4	4	5
29	4	4	4	4	4	4	6	8	8	6	6	6	5	4	4	5	4	4	5	5	5	6	6	6	5
30	6	6	5	4	4	4	5	6	4	4	4	5	6	5	5	5	4	4	5	4	5	4	4	4	5
31	4	5	5	4	4	5	5	8	5	4	4	4	5	5	4	4	4	4	5	5	5	6	6	5	5
MEAN	6	6	6	5	5	6	6	7	6	6	5	5	5	5	5	6	5	5	5	6	6	6	6	6	6
PERCENTAGE OF DATA VALID -	97																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	3	3	4	3	4	3	3	4
2	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	5	4	4	4	4	4	5	4	4
3	4	3	3	3	3	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4
4	4	3	3	4	5	5	7	7	6	5	5	4	4	4	4	5	5	5	6	7	9	11	11	6	6
5	10	10	14	11	7	7	9	10	8	6	5	4	4	4	4	5	4	4	5	5	5	6	7	7	7
6	6	6	5	5	5	6	7	9	7	5	5	5	5	5	5	6	5	5	5	6	7	10	7	6	6
7	6	6	7	7	6	6	7	7	7	7	7	6	6	7	7	6	6	6	6	7	7	7	7	7	7
8	6	6	6	6	6	7	7	6	7	8	8	7	6	5	6	6	6	6	6	6	7	6	7	6	6
9	6	7	6	5	5	5	6	9	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
10	5	5	5	5	6	7	8	8	6	6	6	7	5	5	6	6	5	5	5	5	5	5	5	5	6
11	4	4	5	5	5	5	5	5	6	6	5	6	5	5	5	5	5	4	4	5	5	6	6	4	5
12	4	4	4	4	4	5	5	5	5	7	6	7	8	7	7	7	7	7	7	8	8	7	7	7	6
13	7	6	7	7	7	7	7	8	5	5	5	5	5	5	5	6	6	5	5	5	5	4	3	3	6
14	4	4	4	3	3	4	5	4	4	3	3	4	4	4	4	4	4	4	5	4	5	4	5	7	4
15	10	9	6	5	4	3	3	3	4	4	6	5	5	5	5	5	5	5	5	5	4	3	4	3	5
16	3	4	4	3	3	3	5	5	4	4	3	3	4	4	4	4	4	4	3	4	4	5	4	5	4
17	4	4	4	6	10	9	7	6	8	6	5	6	5	5	6	7	6	6	6	6	7	6	6	6	6
18	5	4	4	4	4	4	6	6	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	6	5
19	5	5	5	5	6	8	9	11	7	6	5	6	6	6	6	6	5	5	6	5	5	6	6	6	6
20	5	5	4	4	3	3	3	4	4	3	4	3	3	5	5	5	5	5	5	5	4	5	5	6	4
21	6	6	5	4	4	4	4	6	6	6	5	5	4	4	4	4	4	4	4	5	4	5	6	4	5
22	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	3	4	4	5	5	4
23	4	4	4	4	6	9	15	9	10	6	5	3	4	4	4	4	4	4	4	5	5	5	5	5	6
24	5	5	5	5	4	5	5	5	5	6	6	4	4	3	4	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	6	6	6	6	7	7	6	6	6	6
26	5	5	5	5	5	5	6	8	9	5	5	6	7	7	6	6	7	7	7	9	7	7	7	6	6
27	6	6	6	6	6	7	8	8	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7
28	7	7	7	7	7	7	7	7	6	6	6	6	5	5	5	6	6	6	6	6	6	5	5	5	6
29	5	5	5	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	4	5	5	6	10	6	6	4	4	4	4	5	5	4	4	4	4	4	4	4	4	5
MEAN	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4
2	4	4	4	3	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
3	4	4	4	4	4	5	7	7	5	4	4	4	4	4	5	5	4	4	5	5	5	5	5	4	5
4	4	3	3	3	3	3	4	5	4	4	4	3	3	3	4	5	4	4	4	4	4	4	4	4	4
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	7	6	7	6	12	10	7	5
6	7	6	6	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5
7	5	5	4	4	4	4	4	5	7	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5
8	5	5	5	5	5	6	12	16	12	7	6	5	6	5	5	7	6	6	6	6	6	6	6	6	7
9	5	5	5	4	4	6	6	9	7	7	7	8	7	7	7	7	7	6	6	6	7	9	12	10	7
10	7	5	8	6	6	7	8	9	9	6	6	7	7	6	6	8	7	6	7	8	9	11	11	11	8
11	10	9	7	5	5	7	10	10	7	6	6	5	6	6	6	6	6	7	8	8	9	8	8	8	7
12	7	7	7	7	7	7	8	7	8	9	9	11	11	9	8	8	8	6	6	6	5	6	6	6	7
13	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	6	6	6	6	6	5
14	6	6	5	5	5	6	6	6	6	6	6	6	6	7	7	7	6	6	6	6	6	6	5	5	6
15	4	4	4	3	3	4	4	4	5	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	5
16	4	3	4	4	4	8	8	10	18	8	7	7	5	5	5	5	5	4	5	6	5	4	4	4	6
17	4	3	4	5	4	4	6	4	4	4	6	5	5	5	5	5	5	5	5	5	5	6	6	6	5
18	6	6	6	6	6	7	7	8	8	5	5	5	3	3	4	5	4	4	4	4	3	3	4	4	5
19	4	5	5	5	4	5	6	5	5	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	5
20	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	5	4	4
21	7	8	9	8	9	10	18	21	5	4	4	4	4	3	4	4	4	6	5	4	4	5	6	5	7
22	4	4	4	4	4	5	5	5	7	4	5	4	7	7	5	6	5	5	7	5	6	10	8	7	5
23	5	5	5	6	6	8	11	13	7	6	6	6	7	7	7	7	7	9	7	5	5	5	5	6	7
24	6	7	6	6	6	7	8	12	10	7	5	5	5	6	6	8	7	7	8	8	9	7	7	10	7
25	8	7	6	7	6	7	8	8	7	6	5	4	4	3	4	4	5	4	5	6	6	5	5	5	6
26	6	6	6	6	6	7	7	9	6	6	5	5	5	5	5	4	4	5	6	6	5	5	5	8	6
27	7	9	10	7	6	5	5	5	6	6	6	7	6	5	6	7	9	10	12	11	10	9	12	11	8
28	9	6	6	5	4	5	10	10	8	6	5	5	5	6	5	6	8	8	6	6	5	5	6	6	6
29	7	7	6	5	3	3	5	7	9	6	4	5	5	8	6	6	7	6	6	6	5	5	5	5	6
30	5	5	5	5	5	5	6	6	6	6	6	7	7	6	6	7	9	7	7	8	7	7	5	7	6
31	7	8	6	6	7	6	7	7	7	7	7	7	7	8	7	8	10	9	8	8	8	7	7	7	7
MEAN	6	6	5	5	5	6	7	8	7	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION														
STATION - 471 UNIVERSITY WINDSOR OAMST											NO 12008														
											MONTH NOV 74														
HOUR: DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	5	5	6	6	7	7	7	8	7	7	7	7	8	9	11	14	14	19	20	23	9
2	19	18	13	13	12	10	10	9	9	7	9	9	8	9	9	10	11	11	8	8	9	8	8	8	10
3	8	8	7	7	6	6	6	6	6	8	7	7	8	9	7	7	8	10	12	10	7	7	7	7	8
4	6	5	4	4	4	4	5	5	7	7	7	6	5	6	7	8	8	7	5	5	4	4	4	4	5
5	5	4	4	4	4	4	5	6	6	5	5	5	7	7	8	8	9	8	7	7	7	6	6	6	6
6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	6	6	7	6	6	7	6
7	6	7	7	6	5	5	7	8	11	9	8	7	7	7	8	8	9	8	12	9	9	9	12	18	8
8	11	14	8	7	6	5	13	15	14	10	9	9	7	7	6	6	7	7	7	8	13	15	21	19	10
9	20	23	23	15	16	17	21	25	24	14	11	7	5	5	5	5	6	7	12	9	7	6	6	6	12
10	7	7	6	5	5	5	5	5	5	6	6	5	6	6	5	5	5	5	6	6	6	6	6	6	6
11	5	5	6	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	5	4	4	4	4
12	4	4	3	3	3	3	4	4	5	5	4	3	3	4	4	4	6	5	4	4	4	4	4	4	4
13	4	4	3	4	4	4	4	4	4	3	4	4	4	5	4	4	5	4	3	4	6	5	5	5	4
14	5	4	4	3	3	3	4	5	6	5	4	4	5	4	4	5	6	4	3	3	4	3	4	3	4
15	4	4	3	3	2	3	3	3	3	3	3	3	4	4	5	6	5	6	6	6	4	3	3	3	4
16	3	4	3	3	3	4	6	6	6	4	6	5	5	5	5	5	6	8	6	5	4	4	4	4	5
17	4	4	4	4	4	4	4	4	6	5	5	6	6	6	6	6	5	5	5	5	5	5	5	5	5
18	5	7	9	6	5	5	5	6	6	6	7	5	7	7	6	7	8	7	7	8	6	7	6	6	7
19	6	6	6	5	5	5	6	6	7	7	6	6	7	6	7	7	8	7	7	6	6	8	6	6	6
20	6	6	6	6	6	5	7	8	8	6	5	5	5	5	5	5	6	5	4	4	4	4	4	4	5
21	4	3	3	3	3	4	4	5	6	4	4	5	5	4	5	5	6	6	5	4	4	4	4	4	4
22	3	3	3	3	3	3	4	6	8	6	6	6	4	3	3	4	6	5	5	5	6	5	5	5	5
23	5	4	4	3	3	3	4	4	5	4	4	4	4	5	5	6	5	5	5	5	5	5	6	5	5
24	5	5	5	5	5	5	5	5	5	7	6	5	5	5	6	6	5	5	5	4	4	4	4	4	4
25	4	4	3	2	2	3	3	4	5	4	3	3	4	4	4	4	4	4	3	3	2	2	2	2	3
26	- DATA MISSING -																								
27	0	0	0	0	0	0	0	0	0	0	0	5	6	6	4	5	10	6	6	6	6	5	6	5	0
28	5	4	5	5	4	3	4	3	4	0	0	4	4	3	4	3	3	4	3	4	3	2	2	3	2
29	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	3	4	5	4	5	4	4	3	3	4
30	2	2	1	1	1	2	2	2	2	2	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2
MEAN	6	6	6	5	5	5	6	6	7	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6
PERCENTAGE OF DATA VALID -											94														

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION															
STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008											MONTH DEC 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	2	2	2	2	2	2	2	
2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	4	4	4	3	3	3	
3	3	3	3	3	3	3	4	5	5	5	5	5	4	4	5	5	6	5	5	5	5	5	5	5	5	
4	5	4	4	3	3	4	5	6	7	7	6	6	7	6	6	7	9	8	6	6	7	6	5	5	6	
5	5	5	5	5	5	5	8	8	12	9	8	7	7	7	8	9	17	10	11	2	12	12	12	12	9	
6	11	11	8	6	6	5	6	9	11	8	6	6	6	5	6	6	10	10	8	7	6	6	6	6	7	
7	6	5	5	5	5	4	4	5	5	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	5	
8	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17	4	3	3	3	3	3	4	4	5	4	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	
18	2	2	2	2	2	2	3	4	4	4	2	2	3	3	3	3	3	5	3	3	3	3	3	3	3	
19	3	3	3	2	2	3	2	3	3	3	3	3	5	6	5	5	4	5	5	4	4	5	4	5	4	
20	4	4	4	4	5	4	5	6	8	7	6	5	5	5	6	5	8	6	5	5	5	5	5	5	5	
21	5	8	7	7	8	6	5	5	6	6	6	6	7	7	7	8	8	8	7	7	6	6	7	7	7	
22	7	6	7	8	5	6	6	5	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6	6	
23	0	0	0	4	4	5	5	5	5	5	5	5	6	6	6	6	8	8	7	8	8	5	6	6	6	
24	6	5	5	5	5	4	4	5	5	5	5	6	4	4	4	5	4	4	5	4	4	4	4	4	5	
25	4	4	4	3	3	3	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	3	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
29	3	3	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
30	4	4	3	3	3	3	3	3	4	3	3	5	4	4	4	4	4	4	4	4	4	4	4	4	4	
31																										
MEAN	4	4	4	4	4	4	4	5	5	4	4	5	4	4	5	5	6	5	5	5	5	5	5	5	5	
PERCENTAGE OF DATA VALID -		66																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	6	13
FEB	25	3	6	12
MAR	28	4	5	10
APR	30	4	7	15
MAY	31	4	6	9
JUN	30	5	7	11
JUL	24	6	9	17
AUG	31	6	7	16
SEP	30	5	7	15
OCT	31	6	8	21
NOV	29	6	12	25
DEC	23	5	9	17
YEAR	343	5	12	25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	3	280	455	6	0	0	744
FEB	74	238	260	5	0	0	577
MAR	5	315	343	4	0	0	667
APR	3	235	469	7	1	0	715
MAY	7	261	465	3	0	0	736
JUN	0	10	662	15	0	0	687
JUL	17	28	465	41	1	0	552
AUG	0	1	713	13	2	0	729
SEP	0	44	645	23	2	0	714
OCT	0	30	646	54	4	0	734
NOV	3	108	507	41	24	0	683
DEC	0	170	310	17	1	0	498
YEAR	112	1720	5940	229	35	0	8036

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	2.2	3.3	4.1	5.0	6.6	7.5	8.9	10.5	25	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
23	0	0	0	1	1	1	1	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
26	1	0	0	0	0	1	2	0	0	0	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1
27	0	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	1
29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	3	1	0	0	1	1	2	1	1	2	1	1	1	0	0	0	0	1
MEAN	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0

PERCENTAGE OF DATA VALID - 37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
3	0	0	0	0	0	0	1	1	2	2	2	2	0	0	0	0	0	1	1	1	1	0	0	0	1
4	0	0	1	1	1	1	1	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	2	2	1	0	0	1	2	2	1	1	1	1	2	2	2	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1
11	1	1	1	1	1	1	2	3	0	2	2	2	1	2	2	2	2	1	1	1	2	2	2	2	2
12	2	1	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	0	0	0	0	0	2	4	0	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
17	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	2	2	1	2	1	1	1	1
19	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0
21	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	2	2	2	2	1	1	1	1	1
22	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1
23	2	2	1	1	0	0	0	1	0	1	2	1	1	1	2	1	1	1	1	1	2	1	1	0	1
24	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
25	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	2	2	2	2	3	4	2	2	1
26	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	2	1	1	1
28	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
30	1	0	0	0	0	0	0	0	1	0	1	2	2	2	2	2	2	1	1	2	1	1	1	1	1
31	1	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	0	1	1	1	1	1	1	2	1	1	1	2	1	2	4	3	3	4	6	8	9	2
2	10	6	3	1	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2
3	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	0	0	0	1	2	3	3	2	2	2	3	3	3	2	1	1	1	0	1
5	1	0	0	0	0	0	0	0	0	1	2	3	3	4	2	2	3	3	3	1	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	0	0	0	0	1
7	1	1	1	1	1	1	1	1	2	3	3	2	2	3	2	2	2	4	3	4	4	5	6	8	3
8	7	4	3	2	1	1	1	1	2	2	2	2	2	2	1	1	2	3	5	5	5	6	8	7	3
9	5	5	4	3	2	2	2	3	5	5	4	4	3	2	2	2	2	2	2	2	2	2	2	2	3
10	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
12	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	1
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
14	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	1
16	1	1	1	0	0	0	0	0	1	1	1	3	3	2	2	2	2	1	1	1	1	1	1	1	1
17	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	0	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
19	2	1	1	1	1	0	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	1	2	2	1	2	4	3	3	3	2	1	1	1	1	1	1
23	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
24	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	3	2	1	1	1	1
27	0	0	0	0	0	0	0	0	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1
28	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	4	4	2	1	1	0	0	1	1
30	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	0	0	1	0	1	1
MEAN	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	0	1	3	1	1	1	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	1	1	3	3	2	2	3	3	2	2	1	1	2	2	2	1
5	2	1	1	1	0	1	1	1	2	2	3	3	4	3	4	4	5	5	4	4	4	3	3	3	3
6	3	1	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	3	2	2	1	1	1	2	2
7	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
8	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
10	0	0	0	0	0	0	0	0	1	1	1	2	3	2	2	3	3	3	3	3	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1	2	2	1	1	1	1	2
12	1	1	1	0	0	0	1	1	2	2	3	4	4	4	4	4	5	4	3	3	3	2	2	2	2
13	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	5	6	4	4	4	3	2	2	3
14	1	1	1	0	0	0	0	0	0	1	2	2	2	7	5	4	4	4	3	2	1	1	1	1	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	3	2	2	2	2	1	1	1
17	1	0	0	0	0	0	0	0	1	1	2	2	1	1	2	1	1	1	1	1	1	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	2	3	2	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	1	1	1
21	1	2	2	2	1	1	1	1	2	3	3	2	2	3	3	4	4	4	2	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	1	1	1	2	2	3	3	2	2	2	3	3	3	2	2	2	2	2	2
24	2	3	2	2	1	1	1	1	2	2	3	3	3	3	4	4	4	3	2	1	1	1	1	1	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	1	1	2	3	3	3	4	4	4	3	2	2	2	3	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	1	1	1	1	1	1	1
29	1	1	1	0	0	0	0	0	0	0	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	0	0	0	0	1	1	1	1	1	2	3	2	2	2	2	2	2	3	3	2	2	1
31	2	1	1	1	1	0	0	1	2	2	2	2	3	3	3	3	4	3	2	2	2	2	1	1	2
MEAN	1	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	12	0	1	3
OCT	31	1	2	4
NOV	30	1	3	10
DEC	31	1	3	7
YEAR	104	1	3	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	DATA MISSING						
AUG	DATA MISSING						
SEP	255	12	0	0	0	0	267
OCT	617	101	2	0	0	0	720
NOV	526	151	30	2	0	0	709
DEC	482	222	35	0	0	0	739
YEAR	1880	486	67	2	0	0	2435

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.1	0.4	0.6	0.9	1.8	2.5	3.5	4.1	10	1.0

UNITS - PARTS/MILLION

MONTH JUN 74

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
2																									
3																									
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.000
5	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	1	1
6	0	0	0	0	0	0	1	1	0.000	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
8	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	5	2	2	3	15	5	2
9	4	3	2	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000	0.000	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0	0	0	1	1	1	0	0	0	4	1	0	0.000
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	2	1	2	4	3	2	1
14	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	2	1	2	2	2	2	2	2	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2	2	2	4	2	1
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0.000	0	0	1	1	0	2	3	1	1
18	0.000	0.000	0.000	0.000	0.000	0.000	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
19	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	1	2	2	2	6	5	3	1
20	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1	1	1	1	3	2	1	1
21	1	0	0	0	0	0	1	1	1	0	1	1	1	0.000	1	1	1	1	1	1	1	1	0	1	1
22	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1
23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
24	1	1	1	0	0	1	1	1	1	1	1	1	0.000	0.000	0.000	0	0	0	0	0	0	0	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
26	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	2	2	2	2	1	2	5	8	8	2
27	6	5	4	3	3	3	3	2	1	1	1	1	1	1	0.000	0	0	0	0	0	0	1	1	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
29	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	2	7	2	1
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	5	5	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

UNITS - PARTS/MILLION

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	1	1	1	1	1	2	1	1	2	1	1	1	1	2	2	2	2	1	2	2	1
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
6	2	4	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1
7	1	1	1	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	0	1	1	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0	0
17	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
19	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
21	1	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	3	1
22	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	8	6	2
28	8	8	4	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2	2	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	1	0	0	0	***	***	***	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
4	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	1
6	2	2	1	1	1	2	3	3	1	1	0	0	0	0	0	0	0	0	0	1	2	4	2	1	1
7	1	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
8	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0
12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
13	0	0	0	0	0	0	1	2	2	2	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
17	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	5	2	2	1
20	2	1	1	1	1	2	2	3	2	2	1	2	2	2	2	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	3	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	0	0	0	0	2	2	2	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***
31	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	3	3	3	1
MEAN	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	2	3	4	2	1	1	1	1	1	0	0	1	1	1	2	3	3	3	2	2
6	2	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
7	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	3	4	4	1
8	7	5	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	1	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	***	1	1	1	0	0	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	0	0
12	2	1	0	0	0	0	3	6	9	6	8	8	1	1	1	1	1	1	1	5	3	2	1	1	3
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1
15	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	1
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
19	1	0	0	0	0	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
20	1	0	***	***	***	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
21	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	2	1	1	2	1	0	1
22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
24	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	5	1
26	5	4	3	2	1	1	2	2	2	1	1	***	0	0	0	1	1	0	1	0	0	0	0	0	1
27	0	0	0	0	0	0	1	2	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1
29	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	1	3	2	1	1	***	***	***	0	0	0	1	1	1	1	1	2	1	1
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
2	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	4	5	6	12	8	2
4	5	4	3	2	2	2	3	3	2	2	0	0	0	1	1	1	1	1	1	4	3	2	3	8	2
5	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	5	4	1
7	3	3	2	1	1	1	2	3	3	2	1	1	1	1	1	2	3	2	2	2	2	2	1	1	2
8	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	0	0	0	1	1	2	3	3	2	1
9	2	2	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	9	5	2
10																									
11	3	2	1	1	0	1	1	2	2	1	1	1	1	1	2	2	2	3	4	3	3	3	4	2	2
12	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	4	2	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	2	2	2	4	5	2	1
17	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
19	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	2	2	1	2	4	1	1
22	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	4	2	1
24	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1	1
25	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
26	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	3	4	3	3	2	8	4	2
27	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	4	3	3	4	7	2
29	4	3	2	2	2	2	2	3	3	3	3	2	2	3	3	3	4	3	3	3	2	2	2	2	3
30	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
31	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2
MEAN	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	2	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1	3	3	4	5	7	9	15	3
2	15	14	10	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	2
3	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	1
5	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	5	4	3	2
8	3	3	3	3	3	3	3	5	7	6	4	3	2	2	1	1	1	1	3	4	4	5	7	8	4
9	8	10	11	11	9	7	4	4	5	4	4	2	2	1	1	1	1	2	2	2	2	1	1	9	4
10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	2	2	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	3	2	1
14	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	6	3	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	3	4	3	3	6	11	3
19	7	5	3	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
20	0	0	0	0	0	0	0	1	2	3	2	2	1	1	1	1	1	1	1	1	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	2	3	3	3	3	3	3	3	2	1
23	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	6	4	2	2	2	1	1	1	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
27	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	4	8	1
28	3	2	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	1	0	0	0	0	0	2	0
MEAN	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1	2	3	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	***	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	2	2	2	2	2	5	3	1
5	1	1	1	1	0	0	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	4	7	8	2
6	7	5	3	2	2	2	2	3	3	3	3	2	2	2	2	1	1	2	1	1	1	1	1	1	2
7	1	3	2	1	0	0	0	1	1	1	1	1	1	1	1	1	6	4	2	1	1	0	0	2	1
8	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2
11	2	2	2	2	2	1	2	4	6	3	3	2	2	***	***	***	***	4	3	3	2	2	3	3	3
12	3	2	1	1	1	1	1	2	4	3	2	2	2	***	***	2	3	3	2	2	2	2	2	2	2
13	2	2	1	1	1	1	2	3	4	4	4	3	2	2	2	2	2	1	1	1	1	1	1	1	2
14	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	2	1
15	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	3	3	3	2	3	2	2	3	3	3	3	3	2	2	3	2	2
17	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	***	2	1	1	1	1	0	0	0	2
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
19	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	1
20	1	1	1	1	1	1	1	2	4	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
21	1	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	2	1	1	1	1	1
23	1	1	1	1	1	1	1	2	3	2	2	2	3	3	3	3	***	2	2	2	1	1	1	2	2
24	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	7	6	3	2	2	1	2	2	2
27	1	1	1	1	1	1	2	2	2	***	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
28	1	1	1	1	1	0	0	1	1	1	1	1	2	2	2	2	8	3	2	1	1	1	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	2	1	1	***	0	1	1	1	1	1	1	2	4	5	12	15	2
31	9	5	2	1	1	0	0	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	26	1	2	15
JUL	31	1	2	8
AUG	31	0	1	5
SEP	30	1	3	9
OCT	31	1	3	12
NOV	30	1	4	15
DEC	31	1	3	15
YEAR	210	1	4	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY		DATA MISSING					
JUN	465	66	20	0	1	0	552
JUL	660	61	8	0	0	0	729
AUG	685	40	2	0	0	0	727
SEP	603	63	21	1	0	0	688
OCT	530	177	27	2	0	0	736
NOV	558	110	35	8	3	0	714
DEC	510	198	22	2	1	0	733
YEAR	4011	715	135	13	5	0	4879

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
94	0	0.1	0.4	0.6	0.9	1.7	2.5	3.9	5.9	15	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE													UNITS - PARTS/MILLION													
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025													MONTH JAN 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4	4	3	3	
2	3	4	4	***	4	4	***	6	6	6	5	6	7	6	4	5	7	5	4	2	2	4	3	4	5	
3	3	3	3	3	4	5	6	5	5	3	1	1	1	1	1	1	1	1	3	3	1	0	***	***	3	
4	***	***	***	***	***	***	***	***	***	8	8	6	6	7	6	6	7	8	7	7	6	7	7	***	***	
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	1	2	2	2	2	2	2	***	
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	
11	1	1	1	0	0	0	1	1	0	1	1	1	1	0	0	0	1	1	2	3	2	2	2	2	1	
12	2	1	1	0	1	1	2	2	0	0	0	1	1	2	1	0	0	0	1	1	1	1	1	1	1	
13	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	2	
14	2	2	1	2	1	1	6	8	5	1	1	0	1	0	1	2	3	2	2	2	2	2	2	2	2	
15	2	2	1	1	1	1	3	2	2	2	2	2	1	2	2	3	4	3	2	1	1	1	2	2	2	
16	1	1	1	1	0	1	2	1	1	1	2	2	2	3	3	4	6	5	3	2	2	2	3	2	2	
17	2	2	2	2	2	3	4	4	4	2	2	2	2	3	3	5	5	7	5	4	4	4	4	4	3	
18	4	4	5	4	4	4	4	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	
19	4	4	3	2	3	2	4	5	3	2	2	1	0	1	3	4	3	1	1	1	1	1	0	1	2	
20	2	5	5	2	1	2	3	4	4	4	4	4	5	7	6	5	5	6	5	6	6	8	7	***	5	
21	***	6	2	1	2	2	5	3	3	2	2	***	***	***	2	2	3	2	2	1	1	1	1	1	2	
22	1	1	1	1	1	1	3	2	2	2	2	2	3	4	4	5	11	7	7	5	2	3	3	3	3	
23	3	2	1	2	1	0	1	2	2	1	1	2	1	2	1	1	2	2	1	1	1	1	1	1	1	
24	1	0	0	0	0	1	2	3	3	2	2	2	1	1	1	1	3	1	1	1	1	1	1	1	1	
25	1	1	0	0	0	0	1	2	3	4	3	2	2	2	1	1	2	2	1	1	0	0	1	1	1	
26	1	1	0	***	0	0	1	2	2	2	2	3	1	2	3	2	4	2	3	5	1	3	4	2	2	
27	1	1	1	0	***	***	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	
28	1	1	0	0	0	0	2	3	4	2	3	2	2	2	2	7	3	5	5	4	3	2	4	2	2	
29	2	1	1	0	0	1	2	4	4	3	2	2	2	2	2	4	6	6	4	5	4	4	3	3	3	
30	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	3	2	1	1	1	1	1	1	
31	1	0	0	0	1	1	2	2	2	1	1	1	1	1	3	3	3	3	3	3	2	2	2	3	2	
MEAN	2	2	2	1	1	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID - 82																										

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS/MILLION															
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025										MONTH FEB 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	4	4	4	4	3	3	4	4	4	6	7	4	3	3	4	4	4	4	4
2	4	4	4	4	4	4	4	4	5	5	6	5	6	6	5	6	7	6	6	6	5	5	5	5	5
3	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	3	4	4	5	5
4	5	5	4	3	3	5	5	6	6	6	***	2	***	2	2	2	3	3	3	2	3	3	3	***	4
5	2	2	3	***	3	2	***	4	3	2	4	3	3	3	3	4	5	4	4	3	4	4	4	3	3
6	3	3	2	2	3	3	3	3	4	4	4	5	4	4	4	6	7	5	5	4	4	4	4	4	4
7	3	3	3	2	3	2	3	2	3	3	3	2	2	2	2	2	6	6	6	6	5	4	4	4	3
8	4	5	4	3	4	4	6	7	9	7	3	3	2	2	1	1	2	2	1	3	3	5	5	3	4
9	3	3	2	2	2	2	2	2	3	2	1	2	1	2	2	2	1	2	2	2	2	2	2	3	2
10	3	3	2	1	1	1	2	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
11	0	0	0	1	1	1	2	1	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
17													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
18													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
19													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
20													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
21													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
22													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	1	1	0	0	0	0	1	1	***
26	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1
27	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	3	2	1	1	0	1	0	1
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	2	2	1	1	1	1	2	1	***
MEAN	3	3	2	2	2	2	3	3	4	3	3	3	3	3	2	3	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	0
2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	1	1	2	2	3	0	0	3	4	2	2	3	1	1	1	2
5	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	1	2	1	0	0	1	1	1	1	2	2	2	1	1	0	0	1	0	1
7																									
8																									
9	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	0	0	0	0	2	4	3	2	1	1	1	1	0	0	1	1	2	2	1	0	0	0	1
12	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	0
14	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	3	4	3	3	3	2	2	2	2
15	2	2	3	2	3	3	2	3	3	4	4	5	5	4	3	4	4	3	3	4	3	2	2	2	3
16	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1
20	1	1	1	1	1	1	2	2	2	0	1	2	1	1	1	2	4	3	2	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
23	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
24	0	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
26	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	1
29	1	1	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	0	0	0	0	0	1
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MEAN	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	2	0	0	0	0	1	0	1
2	0	0	0	1	1	0	1	2	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	1	1	1	0	1	6	5	3	4	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
8	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
9	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	2	2	1	1	1	0	0	0	0	1
10	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	2	1	1	2	1
11	2	1	1	1	0	0	1	2	2	3	3	3	2	1	1	1	4	5	4	4	5	4	4	4	2
12	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
13	3	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
14	2	4	2	2	2	1	2	2	2	2	3	3	3	4	3	1	1	1	1	0	0	0	1	0	2
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	1	1	1	1	1	1	2	2	3	3	3	3	2	2	1	0	0	0	0	1
19	0	0	0	0	0	0	0	1	1	3	3	2	2	1	2	2	4	3	2	3	2	2	2	3	2
20	2	2	2	1	1	2	1	2	2	2	2	2	2	2	3	3	4	4	4	4	2	1	2	4	2
21	4	5	5	5	4	3	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2
22	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	3	2	1	1	1	1	1	0	1
23	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
26	2	2	1	1	1	2	2	3	2	2	3	3	3	3	5	6	4	3	2	3	3	3	3	4	3
27	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	2	1	1	1
30	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - BARTON/WENTWORTH HAM												MONTH MAY 74													
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1
2	2	2	1	1	2	4	4	4	4	3	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2
3	2	2	2	3	3	5	7	7	5	5	5	5	4	4	4	4	3	2	2	2	2	2	2	2	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	2	3	0
5	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
6	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1
8	3	2	2	2	2	3	5	5	4	3	3	3	3	4	4	5	4	3	2	2	1	2	2	2	3
9	1	1	1	1	1	2	4	5	5	7	7	6	4	3	2	5	7	5	4	3	2	2	2	2	3
10	2	2	2	1	1	2	2	2	2	1	1	1	3	3	3	2	2	3	3	3	3	3	3	2	2
11	2	3	3	2	2	2	2	4	3	3	3	3	3	2	2	2	2	3	2	2	3	4	5	3	3
12	3	2	2	1	1	1	2	2	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1
14	1	1	0	0	0	3	4	5	5	4	2	1	1	1	1	2	1	1	1	1	2	2	2	1	2
15	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	1	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	4	2	1	1	1	1	1	1	2	2	2	2	2	1	2	3	4	3	2
28	2	1	1	1	1	3	3	3	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	1	2
29	1	1	1	1	1	2	3	5	8	5	7	7	5	6	4	2	2	4	3	4	3	2	3	4	4
30	3	3	2	2	2	6	8	9	7	3	2	2	2	2	2	3	3	2	3	1	1	1	1	2	3
31	2	2	1	0	0	3	5	5	4	4	3	2	2	0	1	1	1	1	1	1	0	0	0	1	2
MEAN	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -												66													

PERCENTAGE OF DATA VALID - 66

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025												MONTH JUN 74													
HOUP DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	1
2	3	3	2	2	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
3	2	1	1	1	1	2	3	3	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2
4	2	2	1	1	1	2	3	3	3	2	2	2	3	3	3	4	3	2	3	3	3	3	3	2	2
5	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	4	5	5	3
6	4	4	2	2	2	3	4	6	4	4	4	4	4	3	4	4	4	3	3	3	4	5	5	5	4
7	4	3	2	2	2	3	4	6	5	4	4	4	4	5	4	3	5	6	5	5	4	4	4	3	4
8	3	3	2	2	2	2	2	3	3	3	3	3	3	3	5	5	7	5	6	6	4	3	3	3	4
9	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
10	2	2	2	2	2	2	3	3	0 0 0 0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	1	1	0 0 0 0	0 0 0 0	1	1	1	1	1	1	2	1	1	2	2	1	1	1	0	1
12	0	0	0	0	0	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	1	2	1	1	1
13	1	0	0	0	1	2	3	2	2	2	2	2	0 0 0 0	0 0 0 0	0 0 0 0	3	3	2	2	2	2	2	2	2	2
14	2	2	2	2	2	3	6	3	2	2	3	5	0 0 0 0	2	2	2	1	1	2	2	4	5	4	3	3
15	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	2	3	2
16	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
17	1	1	1	1	1	1	2	2	1	1	2	2	2	2	3	3	2	2	2	2	2	2	1	2	2
18	1	1	1	1	1	3	3	3	3	0 0 0 0	3	2	2	3	2	3	2	1	1	3	2	1	2	1	2
19	1	1	0	0	0	4	3	5	1	3	4	2	0 0 0 0	2	3	2	1	1	4	4	3	0	4	5	2
20	1	2	1	1	2	7	5	1	1	2	1	1	1	1	1	2	2	2	2	2	4	3	2	3	2
21	2	2	2	1	1	2	4	7	3	2	4	4	3	3	3	5	4	4	5	6	9	7	0 0 0 0	0 0 0 0	4
22												-	DATA MISSING	-	-										
23												-	DATA MISSING	-	-										
24												-	DATA MISSING	-	-										
25												-	DATA MISSING	-	-										
26												-	DATA MISSING	-	-										
27												-	DATA MISSING	-	-										
28												-	DATA MISSING	-	-										
29												-	DATA MISSING	-	-										
30												-	DATA MISSING	-	-										
MEAN	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6	1	1	1	1	1	2	2	2	3	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	3	2	2	1
8	1	1	1	1	2	4	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2
9	1	1	1	1	1	2	3	3	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	1
11	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	2	1	1	1	2	2	2
12	2	2	1	1	1	3	3	3	2	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2
13	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	4	4	3	3	3	3	2	2	2	3
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	3	3	2	3	3	4	5	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2
31	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	3	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	2	3	4	4	2	2	2	2	2	2	2	3	3	2	3	3	2	2	3	2	2
2	2	2	2	1	2	4	6	3	2	2	3	4	3	3	3	4	4	4	5	3	3	4	3	3	3
3	4	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3
4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
5	3	2	2	2	2	2	3	3	2	3	2	3	3	3	3	4	3	3	3	3	3	4	5	5	3
6	4	4	3	3	3	5	5	6	4	3	4	4	3	4	4	4	4	4	4	4	4	4	5	5	4
7	4	3	3	3	3	5	7	6	4	4	5	4	4	5	5	5	5	4	4	5	4	6	7	5	5
8	4	3	4	3	3	5	9	8	7	6	5	5	4	4	4	6	4	4	4	4	4	4	4	3	5
9	4	3	3	3	3	4	8	6	2	2	1	1	1	1	1	2	1	1	2	2	1	2	2	2	2
10	1	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
11	3	2	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	2	3	3	2	3	3	2	2	2	3	2	3	2	2	2	2	3	3	3	2
13	3	2	2	2	1	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2	4	4	2	1	1	2
15	2	2	2	1	2	5	4	2	2	2	2	1	1	3	2	3	2	2	2	3	2	3	3	4	2
16	3	2	1	1	1	4	6	6	3	3	2	4	2	1	3	4	2	2	2	2	2	2	2	3	3
17	2	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
18	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	1	1	1	1	2	4	3	3	2	2	3	5	4	4	5	3	3	3	3	3	3	4	3	3
20	3	2	2	2	2	4	4	5	7	4	5	6	4	7	4	4	3	3	4	3	3	4	4	3	4
21	3	3	3	2	3	8	10	5	4	4	3	5	4	3	3	4	3	3	3	4	4	4	4	3	4
22	3	3	3	2	2	4	4	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	3	4
23	3	3	3	3	3	5	5	5	2	2	2	1	2	2	2	4	3	2	1	2	2	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	4	4	4	2	2	2	3	4	6	6	5	4	3	3	4	3	3	3	3	3
31	3	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	4	4	3
MEAN	3	2	2	2	2	3	4	4	3	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
	STATION - BARTON/WENTWORTH HAM											MONTH SEP 74													
HOJR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	3	3	3	3	3	3	3	0	1	0	1	0	0	2	2	0	0	0	1	2
4	1	0	0	0	1	1	3	3	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1
5	1	1	1	1	1	4	6	4	2	2	1	1	2	2	2	4	1	2	3	7	6	4	5	5	3
6	5	4	3	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	3	5	5	4	3
7	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	3	5	4	6	7	3
8	6	5	4	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
9	1	1	1	1	1	2	3	2	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
10	1	0	0	0	1	3	3	2	2	2	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1
11	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	1	1
12	1	1	1	1	1	2	3	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2
13	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1
14	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
16	2	2	2	2	2	4	4	4	0	0	0	0	1	1	1	1	1	2	2	2	1	2	2	2	2
17	2	2	1	1	1	2	3	2	1	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1	1
18	0	0	0	1	1	1	1	1	2	2	2	2	3	3	4	6	4	4	4	4	2	7	5	3	3
19	0	0	2	2	2	7	9	9	4	3	2	2	2	3	4	4	3	3	2	2	2	2	2	1	2
20	1	1	1	1	1	2	3	4	2	2	2	2	2	3	2	3	2	2	3	2	2	2	2	2	2
21	3	2	2	2	2	3	3	5	4	3	3	4	3	2	2	2	2	2	3	4	3	5	3	3	3
22	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	7	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1
24	4	2	2	2	3	7	12	6	2	1	1	1	2	2	2	3	2	2	3	2	4	3	1	1	1
25	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	3	2	1	1	1	3	4	5	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
27	1	0	0	0	0	1	2	2	1	1	2	1	2	2	3	4	3	5	11	9	7	6	3	2	3
28	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	3	2	2	2	2
29	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	3	4	4	0.0.0.0	1	1	1	2	3	4	4	5	1	1	1	1	1	1	1	2
MEAN	2	2	1	1	1	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2
PERCENTAGE OF DATA VALID -												99													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE											UNITS - PARTS/MILLION															
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025											MONTH OCT 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	3	1	2	1	2	1	1	1	2	2	2	2	2	1	1	1	2	1	1	1	
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	2	3	4	2	1	1	1	1	2	2	2	2	2	2	5	5	3	3	3	3	3	
4	2	2	2	2	2	4	6	4	3	2	2	3	3	3	3	4	3	3	3	3	2	2	2	2	2	
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
7	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	
8	3	2	2	2	3	6	7	5	0.0.0.0	2	1	2	1	1	2	3	3	2	2	2	2	3	3	2	2	3
9	1	1	1	1	1	3	3	2	2	2	1	2	2	2	2	3	3	2	1	1	1	2	2	2	2	
10	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	5	6	1	1	2	
11	1	1	2	2	3	8	10	3	2	2	5	4	3	4	4	8	5	3	2	3	5	5	5	2	4	
12	2	2	1	1	1	2	2	2	2	3	4	2	2	2	2	1	1	1	1	1	1	1	1	2	2	
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	2	2	2	2	2	3	3	3	2	0.0.0.0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1	
16	0	1	1	1	1	2	4	6	4	1	1	3	2	2	4	5	2	3	5	2	2	1	1	1	2	
17	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	3	2	2	2	3	3	3	3	3	3	
19	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
21	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	
22	2	2	2	2	2	4	5	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	
23	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	4	3	1	1	1	1	1	1	1	1	
24	0	0	0	0	1	10	10	1	0.0.0.0	2	2	2	5	7	8	5	3	2	3	2	2	2	2	2	2	
25	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26	2	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	3	
27	2	2	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	
28	5	2	2	2	2	3	8	10	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
29	15	13	5	4	4	6	15	13	6	6	6	9	7	6	6	6	6	7	5	7	5	7	8	7	8	
30	6	6	5	5	4	4	5	5	9	8	5	3	3	3	2	3	4	4	4	3	2	2	2	2	2	
31	2	2	2	2	2	2	3	4	4	2	3	3	2	2	2	2	5	5	3	3	2	2	1	1	3	
MEAN	2	2	2	2	2	3	4	4	3	2	2	2	2	2	3	3	3	2	2	2	3	3	3	2	2	
PERCENTAGE OF DATA VALID -											99															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	3	5	4	2	3	4	2	2	4	2
2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
3	2	2	1	1	1	1	1	1	1	1	1	1	1	4	2	2	1	1	2	1	1	4	5	3	2
4	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	3	5	3	2	1	0	0	0	0	1
5	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
7	0	0	0	0	0	0	1	1	1	0	1	1	1	1	2	2	6	5	2	1	1	2	3	1	1
8	1	1	2	1	1	2	4	8	7	3	2	2	2	2	1	2	3	4	3	3	3	4	5	5	3
9	4	6	3	2	2	2	5	3	3	2	2	3	2	2	2	2	1	0	2	1	1	1	1	1	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0
11	1	0	0	0	1	2	4	4	3	5	3	5	2	1	2	4	6	2	1	1	1	1	1	1	2
12	0	0	0	0	0	0	3	2	3	1	2	1	2	1	2	2	2	2	2	2	1	1	3	1	1
13	1	1	0	0	0	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	1
14	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1
15	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1	4	3	1
19	1	0	0	0	0	1	2	3	2	3	1	1	2	2	6	6	3	5	5	4	4	5	7	5	3
20	4	2	1	1	1	1	5	7	8	3	4	3	2	1	3	4	2	1	0	0	0	0	0	0	2
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	2	4	4	3	4	2	3	5	5	2
23	3	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	0
27	1	1	0	0	0	0	2	3	2	2	1	1	1	2	3	3	3	2	1	1	1	1	2	0	1
28	0	0	0	1	0	1	2	2	2	2	1	1	1	1	2	2	3	1	1	1	1	1	0	1	1
29	1	0	0	0	0	0	1	2	2	1	1	0	1	1	1	3	6	3	1	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	1	2	1	3	2	1	0	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	0	0	1	2	2	2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1
3	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	4	3	2	2	2	2	2	2	3	4	7	9	5	6	5	5	4	3
5	2	1	1	0	0	1	2	2	1	1	1	1	2	2	2	4	2	2	2	2	2	1	1	1	1
6	1	1	1	1	1	1	4	6	9	9	7	4	2	1	1	4	8	4	7	5	7	5	7	7	4
7	5	4	3	2	3	4	3	4	4	5	4	3	4	3	2	4	5	4	3	3	4	1	1	2	3
8	4	2	2	1	1	0	1	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	4	2	2	2	2	1	3	2	1
11	1	1	1	1	1	1	5	5	6	7	4	3	2	3	3	3	6	4	3	3	2	2	1	2	3
12	2	1	0	0	0	2	7	8	3	2	1	1	1	1	1	2	3	2	2	1	1	2	1	1	2
13	1	1	0	0	0	0	2	3	3	2	2	3	1	1	2	2	4	2	2	1	0	0	0	0	1
14	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	3	2	1	1	0	0	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1
16	2	1	0	0	0	0	2	3	3	2	2	2	2	2	2	4	4	4	2	1	1	1	1	2	2
17	1	1	1	0	0	0	1	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	3	5	4	3	2	2	4	4	5	7	8	2	1	1	1	1	1	1	3
20	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	4	9	5	4	3	4	4	4	3	3
21	2	2	1	1	1	1	2	2	2	2	1	3	4	3	4	4	2	2	2	4	3	3	2	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	3	1
23	2	1	1	1	1	1	5	8	6	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	3	4	2	2	1	1	1	1	2
25	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
26	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	3	2	2	1	1	1	1	2	1	1
29	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
30	1	1	0	0	1	1	1	2	2	1	0	1	0	0	1	1	3	2	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	3	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	3	2	2	2	2	1	1	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2	5	11
FEB	15	3	5	9
MAR	30	1	3	5
APR	30	1	3	6
MAY	24	2	4	9
JUN	21	2	4	9
JUL	14	2	3	6
AUG	31	3	5	10
SEP	30	2	3	12
OCT	31	2	8	15
NOV	30	1	3	8
DEC	31	2	4	9
YEAR	314	2	8	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	224	264	122	1	0	0	611
FEB	82	122	112	1	0	0	317
MAR	502	105	12	0	0	0	619
APR	475	205	28	0	0	0	708
MAY	228	207	62	1	0	0	498
JUN	151	266	74	1	0	0	492
JUL	130	189	7	0	0	0	326
AUG	137	438	165	2	0	0	742
SEP	280	369	65	5	0	0	719
OCT	189	445	91	14	2	0	741
NOV	536	134	48	0	0	0	718
DEC	487	167	72	4	0	0	730
YEAR	3421	2911	858	29	2	0	7221

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.2	0.6	1.1	1.8	3.4	4.4	5.8	6.7	15	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	1	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30																									
31																									
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	1	1	0.00
2	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	1
3	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2
4	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2
5	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2
6	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2
7	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2
8	4	4	3	4	4	4	4	4	4	4	3	3	3	3	3	4	5	4	3	4	4	3	3	3	4
9	2	2	2	2	2	2	2	1	3	3	4	3	3	3	3	3	2	2	3	3	2	2	2	3	3
10	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	6	6	6	6	4
11	6	6	6	4	3	3	3	3	4	3	3	5	5	5	5	5	5	4	5	5	6	6	5	4	5
12	5	5	5	5	5	4	5	5	6	6	6	4	5	6	5	5	5	6	5	5	5	5	4	4	5
13	5	7	7	6	5	4	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14																									
15																									
16																									
17																									
18																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
MEAN	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3

PERCENTAGE OF DATA VALID - 42

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
		STATION - 67 COLLEGE ST TORONTO OAMST												MONTH APR 74													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00
2		0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00
3		1	1	1	1	1	1	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	0.00
4		2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	0.00
5		1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	0.00
6		2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.00
7		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.00
8		2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	0.00
9		2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	0.00
10		3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	0.00
11		4	4	3	3	3	3	3	3	4	3	3	3	4	3	3	4	4	4	4	4	4	4	4	5	4	0.00
12		5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	0.00
13		4	4	4	4	3	3	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	5	5	5	4	0.00
14		5	5	5	5	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	4	0.00
15		3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0.00
16		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
17		1	1	1	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00
18		2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	0.00
19		1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	0.00
20		2	2	2	2	3	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	0.00
21		3	4	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00
22		1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	3	4	4	3	2	2	2	1	1	2	0.00
23		1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.00
24		1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0.00
25		1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	2	1	1	1	1	2	1	0.00
26		2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	3	3	2	3	4	4	4	2	0.00
27		3	3	2	3	3	3	2	2	2	2	2	2	2	2	1	2	2	3	2	2	3	3	3	4	2	0.00
28		5	6	6	4	3	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	2	0.00
29		1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.00
30		2	1	1	1	1	1	2	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	1	2	0.00
MEAN		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.00
PERCENTAGE OF DATA VALID -		95																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE										UNITS - PARTS/MILLION																
STATION - 67 COLLEGE ST TORONTO OAMST										MONTH MAY 74																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
3	2	2	2	2	2	2	3	3	5	5	4	3	3	3	3	4	3	2	2	2	2	2	2	2	2	
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
5	4	5	5	5	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
6	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	
7	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	
8	3	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
9	2	2	2	2	2	2	3	4	6	7	8	8	8	6	5	4	4	4	3	3	3	3	3	3	3	
10	2	2	2	2	2	2	2	3	3	3	3	3	3	3	1	2	2	2	2	2	2	2	2	1	2	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	
12	2	2		0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	
13	1	1	0		0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	
15	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	
16	1	1	1	1	1	1	2	1	1	2	2	2	2	3	3	4	3	1	1	1	1	1	1	1	2	
17	2	1	1	1	1	1	2	5	6	6	4	3	2	2	2	2	2	3	2	2	2	2	2	2	2	
18	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	
19	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	3	2	
20	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	
21	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	5	3	
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
23	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
24	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
27	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
28	3	2	2	2	2	2	3	3	4	4	3	3	3	3	1	1	1	1	1	1	1	1	0	0	3	
29	0	0	0	0	0	1	3	4	5	5	5	5	4	3	3	3	4	3	2	2	2	2	2	2	3	
30	1	1	1	1	0	0	1	1	2	2	1	1	1	1	2	1	1	1	1	2	1	2	2	2	1	
31	2	1	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
MEAN	2	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
PERCENTAGE OF DATA VALID -		99																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
2	4	4	3	3	2	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	2	3	3	2
3	3	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1	1	1	1
4	2	2	2	2	2	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2
5	0	0	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
6	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1
7	1	1	1	0	0	1	1	2	2	1	1	1	1	1	1	2	2	2	1	2	2	3	2	2	1
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
9	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
13	2	2	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2
14	2	2	2	2	2	2	2	4	2	2	2	2	1	1	1	1	2	1	1	0	1	1	1	1	2
15	2	1	1	1	1	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
16	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
17	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	1
19	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	4	2
20	4	3	3	2	1	1	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2	3	2	3	2
21	3	3	2	2	2	2	3	4	3	3	3	3	3	3	3	3	4	4	4	3	2	2	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2
26	2	2	1	1	1	1	1	2	2	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1
27	2	2	2	2	2	3	3	4	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2
28	3	3	3	2	2	2	2	3	3	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	2	2	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
3	2	2	2	1	1	1	2	3	3	2	3	4	3	2	2	2	3	3	3	4	5	4	2	2	3
4	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2
5	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	2	3	3	3	2	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	2	2	2	2	2
8	3	2	2	1	1	1	2	3	3	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2
9	2	2	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	1	2	2	2	2	1	2	2
10	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2
13	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
14	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	1	1	1	1	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
17	2	3	2	2	2	2	3	4	4	4	3	3	3	3	3	4	3	3	3	2	2	2	3	2	3
18	2	2	2	2	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2
21	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
22	3	3	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	1	0	0	0	0	0	1	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	1
25	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
26	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	3	3	5	2
27	5	4	3	2	2	2	2	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2
28	4	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	1	1	1	1	1	1	2	3	3	2	4	3	3	2	3	4	2	2	2	4	3	3	3	4	2
30	4	2	1	1	1	2	3	3	2	4	3	3	2	2	3	4	2	2	2	3	3	3	3	2	3
31	2	2	1	2	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3	3	3	3	4	2
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	4	4	3	3	2	3	3	3	3	2	2	3	3	3	3	3	3	3
2	2	2	2	2	2	2	4	4	4	4	3	3	***	2	2	2	2	1	2	2	2	3	3	3	3
3	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
6	2	1	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
7	1	1	1	1	1	2	3	5	5	4	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
8	3	3	6	7	6	4	5	7	6	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	***	***	***	***	2
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	2	2	2	2	3	2	4	6	3	3	3	4	3	3	3	5	6	6	4	3	3	5	4	3	3
14	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	4	6	4	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3
16	2	2	2	2	3	4	6	7	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
17	3	2	1	1	2	2	2	2	3	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3
18	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	1	2	2	3	5	5	5	4	4	4	4	3	3	3	2	1	1	1	3	3	3	1	1
20	2	2	1	0	1	1	3	2	3	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1
21	1	1	1	1	1	2	5	6	7	3	2	2	2	2	2	3	2	2	1	1	1	2	1	1	2
22	1	1	1	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	6	10	7	5	2	2	1	1	1	3
24	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	4	6	3	2	2	2	2	3	3	4	3	1	1	1	1	2	1	2	2
27	1	1	1	1	1	2	3	3	2	2	2	2	2	2	4	5	3	2	2	2	2	2	2	2	2
28	2	1	1	1	1	2	4	3	2	2	2	2	2	2	3	4	3	2	2	2	3	2	3	2	2
29	2	1	1	1	1	2	4	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2
30	2	2	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
31	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	2	2	1	1	2	2	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
2	1	1	1	1	1	1	2	1	1	2	2	2	1	2	2	2	2	2	1	1	1	2	2	1	1
3	1	1	1	1	1	2	3	4	3	3	3	2	2	2	4	5	5	4	2	2	2	2	2	2	2
4	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	2	2	2	6	10	5	4	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3
6	3	2	2	2	2	2	5	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	3	3	2
7	3	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
8	3	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	2
9	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2
10																									
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	4	5	2	3	1	2
13	1	1	0	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	2	2	2	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	4	3	3	3	3	3	5	9	1	4	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
20	2	2	2	2	1	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
21	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
23	3	3	2	2	3	3	4	6	4	4	3	3	3	4	3	4	3	3	3	4	4	4	5	5	4
24	5	8	6	5	5	4	7	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	1	1	1	1	1	1	1	1	2	2	3	2	2	1	2	2	2	1	2	2	2	2	2	2	2
26	2	2	1	1	1	2	3	7	5	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
27	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
28	2	1	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	3	4	4	3	3	3	2	2
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	3	3	2	3	2	3	3	2	3	3	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	4	5	5	5
4	5	5	4	3	2	3	4	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
5	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1
6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	3	4	5	4	3	2	2	2	2	3	2	2	2	2	1	1	2	2	2
9	2	2	2	2	2	1	2	2	3	3	3	2	3	2	4	4	5	5	6	5	5	2	2	2	3
10	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	4	5	5	3	3	3	3	2	2	2
11	2	2	2	1	1	1	2	3	3	2	2	2	2	3	3	3	3	3	3	3	4	4	3	2	2
12	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	5	3	2	2	3	3	2	3	2	4	4	2	2	2	2	1	2
2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	3	4	6	5	2	1	2
4	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2
5	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2
6	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	3	3	2	1	1	2	3	3	4
8	2	2	3	3	3	3	3	4	5	4	3	3	3	2	2	2	4	4	6	9	5	5	4	4	4
9	7	6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	1	1	2	2	2	2	2	3	3	3	3	3	4	5	5	5	6	5	3	1	1	0	0	3
12	1	0	0	0	0	1	2	3	3	3	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2
13	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
17	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1
19	2	1	1	1	1	1	1	1	5	5	2	2	2	3	3	4	4	4	2	2	2	2	2	2	2
20	2	1	1	1	1	1	1	3	6	6	3	3	3	2	4	4	3	3	2	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	1	2	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2
23	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	2	2	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
28	1	1	1	0	0	0	1	1	3	3	3	4	3	3	2	2	3	3	2	1	1	1	1	1	1
29	1	1	1	0	0	1	1	2	3	3	2	1	1	1	1	2	3	3	3	3	2	2	2	2	2
30	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	2	1
2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	1	2
3	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	5	8	5	2
5	4	3	3	3	2	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
6	3	3	3	3	3	2	2	4	4	3	2	2	2	2	2	3	3	2	2	2	3	3	3	3	2
7	3	3	3	3	1	1	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	2
8	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
10	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2
11	2	2	2	2	2	2	2	3	4	4	3	3	4	4	4	3	4	4	3	3	2	3	2	2	3
12	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3
13	2	2	2	2	2	2	2	3	4	4	4	3	4	4	4	4	3	3	3	3	3	3	3	3	3
14	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	5	4	4	4	3	3	3
17	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	4	4	4	3	3	3	3	3	3
20	2	2	2	2	2	2	3	6	6	5	4	4	4	4	4	3	4	3	3	2	3	3	3	3	3
21	3	3	3	3	3	2	2	3	2	3	3	3	3	2	3	3	3	3	3	5	4	4	5	4	3
22	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3
23	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	3	4	3	3	2	3	2	3	3	3	3	3	3	2	2	2	3	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
28	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
31	3	3	3	3	3	3	4	4	5	5	4	4	3	3	4	4	4	5	3	3	4	3	3	4	4
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	3	5
FEB	13	3	5	7
MAR	DATA MISSING			
APR	30	2	4	6
MAY	31	2	4	8
JUN	30	1	3	4
JUL	31	2	3	5
AUG	31	2	3	10
SEP	29	2	4	11
OCT	31	2	6	9
NOV	30	2	4	9
DEC	31	3	4	8
YEAR	316	2	6	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	278	348	51	0	0	0	677
FEB	24	169	91	0	0	0	284
MAR	DATA MISSING						
APR	264	335	89	0	0	0	688
MAY	218	472	52	0	0	0	742
JUN	445	262	11	0	0	0	718
JUL	165	525	23	0	0	0	713
AUG	245	418	60	1	0	0	724
SEP	242	390	41	3	0	0	676
OCT	129	544	66	3	0	0	742
NOV	379	304	34	1	0	0	718
DEC	70	593	80	0	0	0	743
YEAR	2459	4360	598	8	0	0	7425

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92	0	0.3	0.9	1.4	1.9	2.9	3.6	4.5	5.2	11	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS/MILLION																							
STATION - PHARMACY AND 401 TORONTO		MONTH JAN 74																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	4	2	1	0	1	0	1	1	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	2	4	2	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1
6	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1
7	0	0	0	1	1	1	1	2	1	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	3	7	6	3	2	2	2	2	3	4	6	5	4	3	2	1	1	1	2
9	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	3	5	6	5	3	2	1	1	1	2
10	1	0	0	0	0	1	2	5	4	3	2	3	3	3	3	4	6	4	3	2	2	2	2	1	2
11	0	0	0	0	0	0	2	4	8	2	2	1	2	3	3	3	6	0	0	0	0	0	0	0	2
12	2	2	1	1	0	0	1	1	2	1	1	1	1	2	2	3	4	5	5	5	2	0	0	0	2
13	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	1	1
14	2	2	1	0	0	0	1	3	3	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	1	1	0	2	3	3	4	7	5	3	2	2	2	2	2	2
16	3	2	2	1	1	2	2	3	3	3	3	3	3	4	3	3	6	5	5	3	2	2	2	2	3
17	2	1	1	1	1	1	3	5	5	3	3	3	3	3	3	5	6	5	2	1	1	1	2	1	3
18	1	1	0	0	1	1	2	5	4	3	3	3	3	4	4	5	6	7	4	4	3	2	2	2	3
19	2	2	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	- DATA MISSING -																								
21	1	1	1	1	1	1	1	2	4	3	2	2	2	3	3	3	2	2	2	1	1	1	1	2	2
22	2	2	1	1	2	2	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	2	6	7	4	2	2	2	2	2	2	3	3	3	2	3	3	2	3	2
24	2	2	2	2	2	2	2	3	4	4	3	2	3	3	2	3	3	3	3	3	2	2	2	2	3
25	3	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	3	4	4	3	2	3	3	2	3	3	3	3	3	3	3	3	3	3
27	3	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	3	4	5	3	2	2	3	2	3	9	3	3	4	4	4	4	4	3
29	3	2	2	2	2	2	2	6	5	2	2	2	2	2	2	3	2	3	3	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2	2
31	1	1	1	1	1	2	2	3	2	2	2	2	3	3	3	3	4	4	3	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2
PERCENTAGE OF DATA VALID -		84																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE		UNITS - PARTS/MILLION																							
STATION - PHARMACY AND 401 TORONTO		MONTH FEB 74																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	5	5	5	5	5	5	6	5	6	8	6	5	4	3	3	2	2	4
2	2	2	2	1	1	1	2	3	4	4	3	4	4	3	3	3	4	4	4	4	4	3	2	2	3
3	2	2	2	2	1	1	1	2	2	3	3	3	3	3	3	4	4	4	5	5	4	3	3	3	3
4	2	2	2	2	2	3	5	7	6	5	4	4	4	4	4	4	6	6	5	4	3	2	1	4	4
5	1	1	2	2	2	2	4	7	7	5	3	3	4	4	3	3	5	6	4	3	4	3	3	3	3
6	2	2	2	2	2	3	4	6	5	4	4	4	3	4	4	4	4	7	5	5	4	4	4	4	4
7	3	3	3	3	2	2	2	2	2	2	3	4	5	5	4	3	3	4	4	4	4	4	4	5	3
8	5	6	7	7	8	6	6	5	5	5	5	5	5	5	4	4	5	5	3	3	3	2	1	2	5
9	2	2	0	0	0	0	1	3	3	2	1	1	1	1	0	0	0	0	2	3	1	0	1	0	1
10	0	1	2	2	1	1	0	0	0	1	1	1	1	2	1	0	0	1	1	0	0	0	0	0	1
11	0	0	1	1	0	0	0	1	2	1	1	1	1	1	1	0	4	4	2	2	2	3	3	2	1
12	2	2	2	2	2	2	3	4	5	5	3	2	2	1	2	3	3	4	4	3	2	1	1	1	3
13	2	3	2	2	2	4	4	7	8	7	4	5	5	5	5	5	5	3	3	2	1	1	1	0	4
14	0	0	0	0	0	0	1	4	5	4	3	3	3	4	0	3	4	5	3	3	3	2	2	1	2
15	0	0	0	0	0	0	0	4	6	4	2	1	1	1	1	1	2	2	2	2	3	4	5	5	2
16	3	2	1	0	1	1	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1
17	1	1	1	0	2	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	11	8	4	2	1	1	1	1	2	2	2	2	2	2	2	1	1	2
19	1	1	1	1	1	1	1	2	3	3	4	3	4	4	1	2	3	4	6	7	5	4	4	5	3
20	4	2	2	1	1	1	2	4	5	3	3	3	3	3	4	4	6	7	4	3	2	2	3	4	3
21	3	2	2	2	3	3	7	11	12	5	2	2	2	2	2	3	4	4	2	1	1	1	1	1	3
22	1	1	1	1	1	1	2	3	2	2	2	3	3	3	3	2	2	2	2	2	3	2	3	3	2
23	1	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3
24	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	5	3	3	3	4	4	4	4	3
25	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	4	4	4	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
27	4	4	4	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3
MEAN	2	2	2	2	2	2	2	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3	2	2	3
PERCENTAGE OF DATA VALID -		98																							



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	4	6	8	5	5	4	4	4	2	0.00
2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3	3	2	2
3	2	2	2	3	3	2	2	2	2	2	2	2	2	4	4	5	6	4	4	3	3	3	3	2	2
4	1	1	1	1	1	1	1	4	4	4	4	4	9	6	4	4	4	9	4	4	4	4	4	6	4
5	2	4	2	2	2	2	2	5	5	7	4	2	3	3	3	3	4	4	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	5	5	3	3	4	3	3	2	2	3	3	2	1	1	1	1	3
7	1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	1	1	1	1	1	1	2	2	2	2	2	2	3	4	4	4	3	2	4	3	2	2	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2
11	3	2	2	2	2	2	4	8	7	5	3	2	2	3	3	3	3	4	6	5	4	4	3	2	4
12	2	2	1	1	1	1	2	5	6	3	4	3	2	2	2	2	2	3	3	3	3	3	3	2	3
13	3	2	1	1	1	1	2	4	4	3	3	3	3	3	3	3	4	5	4	4	3	3	3	3	3
14	3	3	3	2	2	2	3	5	5	4	4	4	4	3	4	4	4	4	4	4	4	5	5	5	4
15	4	4	3	0	0	0	0	7	8	2	1	0.00	0.00	2	2	2	2	2	2	1	1	1	1	1	2
16	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17																									
18																									
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	1	1	1	1	1	1	4	7	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
21	1	0	0	0	0	0	3	4	3	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	2
22	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1
24	2	2	2	1	0	0	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	2	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	1	1	1	1	1	2	2	2	1	0.00	1	1	2	2	3	3	4	3	3	2	2	2	2	2
27	1	1	1	1	1	1	1	4	4	2	1	1	1	1	2	2	4	4	3	3	3	2	2	3	2
28	3	2	2	2	1	1	1	4	4	3	2	2	0.00	1	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	4	3	2	1	1	1	1	1	1	1	1	0	1	1	1	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 82



ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	0	0	1	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	2	1	1	1	1	3	8	4	2	2	1	1	2	1	2	1	1	1	2	1	1	1	3	2
4	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
5	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	6	5	4	4	4	4	1	1
6	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	2	2	2	2	2	2	2	2	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	1	1	1	1	1	2	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	1	1	1	1	1	1	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	1	1	1	0	1	1	3	4	4	3	2	2	2	2	3	4	5	5	5	5	5	5	5	5	5
11	4	2	1	1	2	2	4	6	7	4	4	3	2	2	2	2	2	2	3	3	3	4	5	6	3
12	5	3	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
13																									
14																									
15																									
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1	1	1	1	1	1	2	3	4	2	1	1	1	1	2	4	5	5	4	4	2	1	1	1	2
18	2	1	1	1	1	1	3	4	4	3	2	2	2	2	3	3	4	4	3	2	2	2	1	1	2
19	1	1	1	1	0	1	2	4	4	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	3
20	7	9	6	4	5	4	6	4	3	2	2	2	1	1	1	1	1	1	1	1	1	3	4	4	3
21	4	3	4	3	1	2	2	2	2	3	2	1	1	2	2	2	2	2	1	1	1	1	1	2	2
22	2	2	2	2	2	2	3	3	4	4	3	4	3	4	4	4	5	5	5	4	4	4	3	3	3
23	3	2	2	2	2	2	2	3	3	2	3	3	3	4	4	5	6	6	4	3	3	3	3	2	3
24	2	2	2	2	2	2	3	5	5	4	3	3	3	4	4	5	5	5	4	3	3	2	2	2	3
25	2	2	1	1	1	1	2	8	5	3	2	2	2	2	3	4	6	7	4	4	4	4	4	3	3
26	3	3	2	2	2	2	5	7	7	5	3	3	3	2	3	3	3	3	7	5	7	6	7	5	4
27	6	5	4	3	4	4	5	3	3	3	3	4	4	3	3	3	3	3	4	4	4	5	5	5	5
28	6	7	6	6	6	5	4	4	4	4	4	4	4	4	4	5	5	6	5	5	5	5	5	5	5
29	5	5	5	5	5	6	8	9	10	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30																									
MEAN	3	3	2	2	2	2	3	4	4	3	3	3	2	2	3	3	3	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - PHARMACY AND 401 TORONTO												NO 33002													
												MONTH MAY 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	3	3	2	3
2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	3	3	2	3
3	1	1	1	1	2	5	10	9	7	4	3	3	4	4	4	6	7	4	4	3	3	3	3	3	4
4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3
5	10	7	5	5	5	5	4	2	2	2	2	3	3	3	3	3	3	3	4	3	2	2	2	2	4
6	1	1	1	1	1	2	3	3	2	2	2	2	4	5	4	5	4	3	3	2	2	2	2	2	2
7	1	1	1	1	1	4	5	5	3	3	3	2	3	3	4	4	4	3	3	2	3	3	3	2	3
8	1	1	2	1	1	5	8	7	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	2
9													DATA MISSING												
10	2	2	2	2	3	3	2	2	2	3	2	2	2	6	6	6	6	5	4	4	3	5	1	0	4
11	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5
15	6	6	6	6	7	8	9	9	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	2	2	2	2	2	3	3	2	1	1	2	1	2	4	6	8	3	3	2	1	1	2	2	1	2
17	1	1	1	1	2	5	10	7	10	4	3	3	3	3	3	3	3	3	4	5	4	4	4	4	4
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3
19	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	7	8	4
20	5	5	5	5	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	5
21	6	5	4	4	5	6	7	8	5	4	4	3	3	3	3	3	3	3	4	4	5	8	8	7	5
22	5	5	4	5	6	7	8	9	7	6	6	5	5	4	4	5	4	5	4	4	4	5	5	5	5
23	5	4	5	5	6	8	8	7	5	5	5	5	5	2	3	3	3	3	4	3	3	4	4	4	4
24	4	4	4	4	4	5	6	9	7	6	6	6	6	4	5	6	5	4	4	5	4	3	3	3	5
25	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	4	3	3	3	3	3	2
27	2	2	2	2	2	5	8	6	4	4	3	3	2	3	3	3	7	6	4	4	4	3	3	3	3
28	3	2	2	1	2	5	8	7	4	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3
29	2	2	1	1	2	4	7	6	7	5	4	3	3	4	3	3	3	2	3	4	4	4	3	3	3
30	3	2	2	1	2	4	7	6	5	4	3	3	3	3	3	3	3	3	3	4	3	4	6	4	4
31	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	6	5	4	3	3	3	4	3
MEAN	3	3	2	2	3	4	5	5	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID -												91													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE												UNITS - PARTS/MILLION													
STATION - PHARMACY AND 401 TORONTO												NO 33002													
												MONTH JUN 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	3
2	5	4	3	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	4	4	3	2
3	3	2	2	2	2	3	4	3	4	3	3	2	2	2	2	2	3	3	3	3	2	3	4	3	3
4	3	2	2	2	3	5	4	4	3	2	2	1	1	1	1	2	2	2	1	2	2	2	2	3	2
5	3	3	2	2	2	4	3	4	3	2	1	1	1	1	1	2	2	2	3	3	4	4	4	4	3
6	3	2	2	2	3	2	3	4	2	1	2	2	1	1	1	2	2	1	1	2	1	1	1	1	2
7	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	4	3	3	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
9	3	4	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
10	3	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	4	3	3	3	3	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	4	3	4	3	2	2	3	3	2	2
12	2	2	2	1	2	3	5	3	3	3	3	3	2	3	3	4	2	3	2	1	2	2	2	2	2
13	2	1	2	1	1	2	3	2	2	2	2	1	1	2	2	2	3	2	2	2	3	2	2	2	2
14	2	2	2	1	2	3	4	8	5	2	2	1	6	1	2	5	3	4	2	2	2	3	3	2	3
15	3	3	2	2	2	2	3	3	3	3	2	2	2	2	1	2	2	4	2	1	1	1	1	2	2
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	3	2	2	1	1	1	2	1	1	1	1	2	3	2	2	2	2	1	1
19	1	1	1	0	1	1	2	2	1	1	1	1	0	0	0	0	0	1	1	2	2	2	2	1	1
20	1	2	1	1	1	4	3	6	2	1	1	0	0	0	0	0	2	0	1	2	5	4	3	2	2
21	3	2	2	2	3	6	8	4	3	3	5	4	3	3	5	5	4	5	5	6	5	4	4	4	4
22	5	5	4	3	4	4	5	5	5	6	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4
23	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	3	5	5	3	4	3	3	4	4	3	2	4	6	4	5	4	3	4	3	3
25	3	3	3	3	3	5	9	8	6	6	5	4	3	3	3	3	2	3	4	3	4	3	3	2	4
26	2	2	2	2	3	8	7	5	4	3	2	2	2	2	2	2	2	2	2	3	4	4	4	5	3
27	5	5	5	5	5	7	9	4	4	3	3	2	2	2	2	2	2	2	2	3	4	4	5	4	4
28	3	3	2	3	3	5	6	3	2	2	2	1	0	1	1	1	2	1	1	1	1	1	1	1	2
29	2	2	2	1	2	2	3	3	4	4	3	2	4	3	2	2	2	2	1	2	3	3	3	3	3
30	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2	2	2	2	3	2	3	3	2	2
MEAN	3	2	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
PERCENTAGE OF DATA VALID -					99																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	1	1	2	1	2	2	2	2	2	2
2	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
3	2	2	1	1	2	2	8	7	3	4	3	3	2	3	5	7	6	5	4	5	5	6	7	5	4
4	4	3	3	3	3	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	3	3	3	3	4
5	3	3	2	2	2	3	5	5	3	3	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3
6	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
7	3	3	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	5	6	5	5	5	4	3
8	4	3	3	3	3	3	5	5	5	4	3	3	3	3	4	5	7	5	5	5	5	5	5	5	4
9	4	4	4	4	4	6	7	6	5	3	4	4	4	4	4	6	6	4	5	6	5	4	5	5	5
10	4	4	4	4	4	6	7	6	5	5	5	5	5	5	5	6	5	4	4	4	4	4	3	2	5
11	3	2	2	2	3	4	5	4	3	2	3	3	3	3	3	5	4	3	3	3	3	3	2	1	3
12	2	2	2	2	2	4	5	3	3	3	2	2	2	3	3	4	5	5	5	4	5	4	4	4	4
13	4	4	3	3	3	2	3	3	2	2	2	2	3	3	3	3	4	4	4	4	5	5	4	4	3
14	4	3	4	4	4	4	4	4	5	5	5	5	5	4	4	4	5	5	6	7	7	7	6	5	5
15	5	4	4	4	4	5	7	6	6	5	5	4	4	4	5	5	5	4	4	3	3	3	3	3	5
16	3	2	2	2	3	4	6	5	4	4	3	3	3	4	4	4	3	2	3	3	4	4	4	4	3
17	3	3	2	2	2	5	8	4	4	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3
18	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2
19	2	1	1	2	2	4	5	5	3	3	3	3	3	3	3	4	3	4	3	3	2	2	2	2	3
20	2	2	1	1	2	3	2	2	3	2	2	2	3	3	3	2	2	2	2	3	2	2	3	2	2
21	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	5	3
22	4	3	3	3	3	3	4	3	2	2	2	2	3	3	3	3	4	4	4	4	4	4	5	4	3
23	4	4	3	4	4	7	11	11	9	8	8	8	8	8	8	4	5	3	5	6	8	8	8	5	6
24	4	3	2	3	4	7	10	9	6	6	6	6	7	7	7	9	7	6	6	5	4	4	3	6	6
25	3	3	3	3	3	4	5	3	3	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3
26																									
27																									
28																									
29																									
30	6	3	3	3	3	7	12	11	6	3	4	3	3	4	8	4	7	4	4	4	4	5	6	7	5
31	3	2	3	3	4	5	4	3	3	3	3	3	3	2	3	3	5	4	5	5	5	4	5	4	4
MEAN	3	3	2	3	3	4	5	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	4

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	5	9	10	4	4	3	3	3	3	4	4	4	3	3	4	4	6	5	5	4
2	6	6	4	4	5	6	12	11	10	9	6	4	4	4	4	4	4	4	4	4	4	4	4	4	6
3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	2
4	2	2	2	2	1	2	1	1	3	3	3	2	3	2	1	1	1	1	2	2	2	2	3	3	2
5	3	2	2	2	2	3	3	3	3	3	4	3	4	4	4	4	3	3	3	4	4	5	5	6	3
6	4	4	4	4	3	4	7	6	6	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	3
7	1	1	1	1	2	4	4	4	3	2	2	2	1	1	1	1	2	2	2	3	3	4	4	6	2
8	7	5	4	3	3	5	9	9	4	4	3	3	2	2	2	3	2	2	2	2	2	2	2	2	4
9	3	2	2	2	2	3	7	2	1	2	2	2	2	2	1	1	2	1	1	1	1	2	3	3	2
10	2	2	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
12	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	2	2	2	1	2	4	3	5	4	2
13	3	2	2	2	2	2	5	4	3	2	2	2	2	2	3	4	3	2	2	2	1	1	1	0	2
14	0	0	0	0	0	3	5	3	2	2	2	3	2	2	2	3	3	2	2	2	1	1	1	1	2
15	1	0	0	0	0	1	4	6	4	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
16	3	3	4	3	3	6	5	4	3	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3
17	5	4	4	4	4	4	5	4	4	6	5	5	5	5	4	4	4	5	5	5	5	5	6	5	5
18	5	4	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	3	3	3	3	3	3	2	3
19	2	2	2	3	3	3	6	7	4	3	3	3	3	3	3	3	2	3	3	3	6	7	7	6	4
20	5	5	3	3	3	6	8	3	4	4	3	3	4	2	2	2	3	3	3	3	3	3	3	4	4
21	4	4	3	2	3	6	9	9	5	5	3	2	2	2	3	4	4	4	4	4	4	4	4	4	4
22	5	5	5	4	4	5	6	5	4	3	3	3	2	2	2	3	2	3	3	3	3	3	3	3	4
23	4	4	3	3	3	3	5	6	5	3	3	3	2	2	2	2	2	6	6	4	3	3	3	2	3
24	2	2	1	1	2	3	3	3	3	3	3	3	2	2	1	2	2	2	3	3	3	3	3	3	3
25	3	3	2	2	2	2	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3
26	2	2	2	2	2	6	9	5	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	3	3	3	3	3	6	5	4	3	3	4	4	4	5	5	5	5	5	4	4	4	5	4	4
28	3	3	2	3	3	3	10	7	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5
29	3	3	2	3	3	6	10	6	5	5	5	5	4	3	3	2	2	3	3	3	3	3	3	3	4
30	5	4	3	3	3	4	9	7	5	5	5	5	4	3	3	2	2	3	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	4	4	4	4	3	4	6	3
MEAN	3	3	2	2	2	4	6	5	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	4	5	5	5	4	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	4
2	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	4	3	3	3	3	3	4
3	2	2	2	2	3	4	8	9	6	6	5	3	3	3	3	4	3	3	3	3	3	2	2	1	4
4	1	1	1	1	1	3	5	5	3	3	2	2	2	3	4	4	4	3	3	3	2	2	2	2	3
5	2	2	2	2	2	3	6	6	4	1	1	1	0	0	0	0	1	1	2	3	5	4	3	3	2
6	2	2	2	2	2	5	9	7	2	1	1	1	2	2	1	1	2	2	2	2	4	4	4	4	3
7	3	2	2	2	2	3	4	5	3	2	2	2	2	2	1	1	1	1	2	3	3	5	5	2	2
8	5	4	3	3	3	3	3	3	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	2
9	1	1	1	2	2	2	3	4	4	3	2	2	1	2	3	3	3	4	5	5	5	4	3	3	3
10	3	3	3	3	3	4	5	6	6	4	4	3	3	2	2	3	3	3	3	2	2	2	2	2	3
11	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2	3	3	3	2	2	2	2	2	3	3
12	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	4	3	3	4	7	5	4	4	4	4
13	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	5	6	5	5	4	4	4	4	3	4
14	3	3	3	3	3	3	4	5	5	5	5	5	4	4	4	3	3	3	4	4	4	4	3	3	4
15	3	3	3	3	3	4	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	4
16	3	3	3	3	3	4	6	9	9	5	5	5	5	2	2	1	1	1	1	4	4	3	3	3	3
17	2	2	2	2	3	3	5	6	5	5	5	2	3	4	4	7	6	4	2	2	2	2	2	2	4
18	2	1	1	1	1	3	5	5	3	2	1	1	2	1	1	1	2	2	2	2	3	2	2	2	2
19	2	2	1	1	2	4	10	7	5	3	2	2	1	1	2	1	2	2	2	2	1	1	1	1	2
20	2	2	2	1	1	2	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	5	5	4	3	3	3	3
22	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
23	3	3	2	2	3	6	7	6	6	5	4	3	3	1	1	3	2	1	2	3	2	3	3	3	3
24	5	5	3	3	4	9	13	7	3	1	5	5	1	1	1	1	2	1	2	1	1	1	1	1	2
25	0	0	0	1	1	1	2	2	3	2	2	1	1	2	4	4	3	3	2	2	2	2	2	1	3
26	1	1	1	1	6	7	6	3	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2
27	1	1	1	1	1	2	4	3	3	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3	2
28	3	4	4	3	3	3	3	4	4	3	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	4	3	4	4	5	4	4	5	5	4	4	4	4	4	4	4	4
30	4	3	3	3	4	6	7	6	5	4	5	4	4	5	6	7	5	4	3	4	4	3	3	3	4
MEAN	3	3	2	2	3	4	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	1	2	4	4	5	2	3	5	3	3	3	2	2	2	2	3	3	2	3	2	1	3
2	1	1	1	1	1	2	4	3	2	2	1	2	2	3	4	5	3	2	3	3	2	2	2	3	2
3	1	1	1	1	2	5	7	4	2	2	4	2	2	2	3	5	3	4	4	4	4	3	5	5	3
4	4	4	3	3	5	6	3	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2
5	1	1	1	1	1	2	2	2	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1
6	2	2	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
7	0	0	1	0	0	1	3	4	3	2	2	1	2	4	3	4	5	3	2	2	1	2	2	1	2
8	1	1	1	2	6	10	9	5	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2
9	1	2	2	1	2	3	3	3	2	1	2	2	2	1	2	5	4	5	4	2	2	2	1	2	2
10	1	0	0	0	1	1	2	3	3	1	0	2	1	1	0	1	5	4	3	3	3	3	3	2	2
11	1	1	1	1	1	1	2	3	2	1	1	1	0	0	0	1	1	1	1	2	1	2	2	2	1
12	1	2	2	2	1	1	1	1	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2
13	2	2	1	1	1	1	2	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
14	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	2	3	2	1	1	2	1	1	1	1	3	1	1	2	2	2	2	1	1
16	1	1	1	1	1	1	3	7	7	4	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
17	1	0	0	0	0	0	0	1	0	1	0	1	0	1	1	2	2	2	1	1	1	1	1	1	1
18	1	1	1	1	1	2	4	10	8	3	2	2	1	1	1	3	2	2	3	1	1	1	1	0	2
19	1	0	0	0	0	1	3	2	2	2	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2
20	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
21	1	1	1	1	1	1	3	5	3	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	2	1	1	0	2	5	5	3	2	2	1	1	2	2	3	3	2	1	1	1	1	2	2	2
24	0	0	0	1	1	4	9	9	3	1	0	0	0	0	1	1	1	2	2	2	2	2	1	1	2
25	1	1	1	1	1	2	4	5	4	3	3	2	2	2	6	5	4	3	3	3	3	3	3	3	3
26	3	3	2	2	2	2	3	3	3	2	2	2	1	2	2	2	3	3	2	2	3	2	2	2	2
27	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1
28	1	2	2	2	2	2	3	5	8	4	2	2	2	1	1	1	2	2	3	4	4	4	4	5	3
29	6	2	2	2	2	3	4	9	7	5	2	2	1	1	1	2	2	3	3	1	1	0	0	0	3
30	0	0	1	1	1	1	1	2	2	1	2	2	2	2	2	3	4	4	2	2	1	1	1	1	2
31	2	2	2	2	2	2	2	0	5	4	3	4	3	3	3	3	3	4	3	2	2	2	3	3	3
MEAN	1	1	1	1	1	2	3	4	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	***	6	6	5	5	4	3	3	3	3
2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	2
3	1	1	1	2	2	1	1	2	1	2	2	2	2	2	3	2	2	2	3	3	4	5	3	2	2
4	1	1	1	1	1	1	3	6	6	4	4	4	4	4	4	4	5	2	2	4	2	2	3	2	3
5	1	1	1	1	1	1	2	3	2	2	2	3	3	3	4	5	7	5	4	3	2	3	2	3	3
6	2	2	1	1	1	1	3	6	6	4	3	4	4	4	4	4	6	5	5	4	3	3	3	3	3
7	3	2	2	2	2	2	3	5	4	4	3	3	3	3	3	4	3	3	5	5	4	3	5	7	3
8	7	6	5	5	5	6	6	15	15	8	6	4	***	3	3	3	5	9	10	8	6	6	5	5	7
9	7	9	9	7	3	2	3	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
10	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	5	5	5	7	2	1	1	1	2
12	1	1	1	1	1	1	1	2	5	5	5	5	4	4	***	5	5	5	5	4	3	3	3	3	3
13	2	2	2	2	2	2	2	5	4	3	2	2	2	2	1	2	2	3	3	3	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2
15	2	1	1	1	1	1	1	2	2	3	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2
16	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	3	3	3	2	2	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
18	2	1	1	1	1	1	2	3	4	4	2	1	1	2	2	3	3	2	2	1	2	2	2	2	2
19	2	2	2	1	1	1	1	3	5	5	2	2	2	2	3	2	3	2	2	2	1	2	1	2	2
20	2	1	1	1	1	1	2	3	7	6	5	5	4	***	5	5	8	6	3	1	1	1	1	1	3
21	1	1	1	1	1	2	2	4	4	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2
22	2	1	1	1	1	1	2	5	6	4	3	3	2	3	3	1	2	3	4	5	8	5	4	5	3
23	6	5	3	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	2	2	1	1	2	2
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	2	1	2	2	1	2
25	1	1	1	1	1	1	2	4	4	3	3	3	***	2	2	2	4	3	3	2	2	2	2	1	2
26	1	1	1	1	1	1	3	6	7	4	3	2	2	2	3	3	6	7	4	4	4	4	5	4	3
27	3	2	2	1	1	2	4	7	6	3	1	1	1	1	1	1	2	2	2	3	1	2	2	2	2
28	2	1	1	1	1	1	3	6	5	4	4	4	1	1	1	1	2	5	5	1	1	1	1	1	2
29	1	0	0	1	0	1	3	7	7	3	2	***	2	2	4	3	5	6	4	5	4	3	3	3	3
30	3	2	2	1	1	1	2	3	3	3	2	2	2	3	2	3	3	2	2	3	2	1	2	2	2
MEAN	2	2	2	2	1	1	2	4	4	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	3	2	1	1	1	1	1	2	3	3	3	3	3	2	2	5	2	6	6	1	5	1	5	1	4
11	1	1	1	1	1	1	1	2	3	3	3	***	4	4	3	3	3	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	3	4	3	2	2	3	2	2	3	5	3	3	0	1	1	1	1	2
13	2	2	2	1	1	2	3	7	7	5	3	5	4	4	4	5	6	5	4	3	3	2	2	2	4
14	2	2	1	1	1	1	1	2	3	2	2	2	2	3	3	3	3	3	3	4	3	2	2	2	2
15	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	1	1	1	2	2	2	2	1	2	***	2	3	3	3	7	7	6	5	3	2	3
17	2	1	1	1	1	1	1	2	2	3	2	2	1	***	2	2	2	2	2	3	2	2	2	1	2
18	1	1	1	1	1	1	1	2	3	2	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1
19	1	1	2	2	2	2	4	6	3	2	3	3	3	3	3	3	3	3	7	5	4	3	3	3	3
20	3	3	2	2	2	2	5	13	19	17	***	12	7	2	2	2	2	2	2	2	2	2	2	3	5
21	4	3	2	2	2	1	2	4	4	4	3	2	4	4	3	4	5	5	4	4	4	3	2	3	3
22	3	3	3	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
23	1	1	1	1	1	2	1	3	4	4	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	3	2	3	2	2	2	3	2	2	2	2	***
25	2	2	2	2	2	1	1	1	2	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2
26	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
28	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	2	2	2	2	2	1	1
30	1	1	1	1	1	1	2	3	4	3	2	3	2	3	3	3	5	5	4	2	3	4	4	3	3
31	3	2	2	2	3	3	3	7	7	5	3	3	2	2	2	2	3	3	3	3	2	2	3	2	3
MEAN	2	2	2	2	1	1	2	3	4	3	2	3	3	2	2	3	3	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	3	9
FEB	28	3	5	12
MAR	29	2	4	9
APR	26	3	5	10
MAY	30	3	5	10
JUN	30	2	4	9
JUL	28	4	6	12
AUG	31	3	6	12
SEP	30	3	4	13
OCT	31	2	3	10
NOV	30	2	7	15
DEC	23	2	5	19
YEAR	345	3	7	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	290	275	65	1	0	0	631
FEB	163	306	189	3	0	0	661
MAR	230	284	96	3	0	0	613
APR	141	254	162	3	0	0	560
MAY	98	343	233	10	0	0	684
JUN	196	396	122	2	0	0	716
JUL	27	321	284	8	0	0	640
AUG	106	404	209	14	0	0	733
SEP	99	386	199	7	0	0	691
OCT	351	298	67	6	0	0	732
NOV	242	324	141	4	2	0	713
DEC	132	312	61	2	2	0	509
YEAR	2035	3903	1828	63	4	0	7883

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.4	1.1	1.9	2.7	4.3	5.2	6.7	7.8	19	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	9	8	8	8	7	7	8	7	7	8	8	8	8	9	8	8	8	8	8	8	8	7	8
2	7	6	6	6	6	6	6	11	13	9	7	7	8	7	7	9	9	8	8	8	8	8	8	8	8
3	8	7	7	7	7	7	7	10	14	19	12	11	10	9	9	8	8	8	11	12	13	9	9	9	10
4	8	7	7	7	7	7	7	8	10	11	9	8	8	8	8	8	8	9	9	9	8	8	7	8	8
5	7	7	6	6	6	6	6	10	11	9	8	8	8	8	8	8	8	8	8	8	8	7	7	7	8
6	7	7	7	7	7	6	6	6	6	6	7	7	7	8	8	9	9	9	9	8	9	8	9	9	8
7	9	8	7	7	7	7	8	9	9	7	7	7	7	7	7	7	8	8	8	8	8	8	7	7	8
8	7	7	7	6	6	6	7	8	8	7	7	7	7	7	7	7	7	8	7	7	7	7	8	8	7
9	8	8	7	8	7	7	7	8	7	7	7	7	6	5	5	7	7	7	7	6	6	6	6	5	7
10	7	7	7	7	7	7	6	7	7	7	7	7	7	7	6	7	7	7	6	6	6	6	6	6	7
11	7	7	7	7	7	7	7	7	7	8	7	7	8	8	9	10	10	14	13	13	12	12	11	10	9
12	9	9	8	7	7	7	7	7	7	7	7	8	8	9	9	10	11	12	12	13	13	8	8	8	9
13	8	8	8	7	7	7	6	6	7	7	7	7	7	7	8	8	9	9	10	12	11	11	12	8	8
14	9	8	8	8	8	8	6	9	9	6	7	7	6	6	6	6	9	8	8	8	8	8	8	9	8
15	8	8	8	8	8	8	9	10	11	10	9	9	9	9	10	11	13	11	10	9	9	9	8	8	9
16	8	8	8	8	8	8	9	10	10	9	8	8	10	8	8	8	8	8	8	8	8	8	7	7	8
17	8	7	7	8	8	8	8	9	8	8	8	9	8	8	8	8	8	8	8	8	7	6	6	7	8
18	6	5	5	5	5	5	5	6	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	7
19	9	8	9	10	11	9	10	11	11	10	9	11	11	10	10	10	12	10	11	11	8	9	10	8	10
20	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	8	8	8	8	8	7	7	7	7
21	7	7	7	8	8	7	8	9	9	11	9	9	10	11	11	10	10	9	9	9	8	8	8	8	9
22	8	8	8	8	8	8	10	14	13	11	10	9	9	9	9	10	9	8	8	8	8	8	8	8	9
23	8	8	8	8	8	9	10	12	14	12	11	11	11	10	10	10	10	10	9	9	9	9	9	10	10
24	8	8	8	8	8	8	10	11	10	10	10	9	9	9	9	9	10	9	9	8	8	8	8	8	9
25	8	7	7	7	7	8	9	14	12	9	8	8	8	8	8	8	9	12	9	9	8	8	10	10	9
26	9	8	8	8	8	9	8	8	9	8	7	8	8	8	7	8	7	7	8	8	8	7	7	7	8
27	9	8	8	8	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8
28	8	8	8	7	7	7	9	12	12	10	9	8	9	8	7	8	8	7	7	9	10	9	8	8	8
29	8	7	7	7	7	7	9	11	9	7	7	8	7	7	7	8	9	9	8	8	8	7	8	7	8
30	8	8	7	7	7	7	8	9	8	8	8	8	8	8	8	8	10	10	9	9	8	8	7	7	8
31	7	7	7	7	7	7	7	9	8	8	8	8	7	7	6	6	6	6	6	5	5	5	5	6	7
MEAN	8	7	7	7	7	7	8	9	9	8	8	8	8	8	8	8	9	9	9	9	8	8	8	8	8

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	5	6	6	7	7	9	8	6	5	4	4	5	5	4	4	4	4	4	4	5
2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	3	3	4
3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3
4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	6	8	8	6	5	4	5	4	4	4
5	3	3	3	3	3	3	3	3	3	3	3	3	4	4	6	7	8	8	7	9	8	7	6	6	5
6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6
7	6	6	6	6	6	6	7	7	8	7	8	7	8	8	8	9	11	11	10	11	9	10	9	10	8
8	8	8	6	6	6	6	7	8	11	11	7	6	6	7	6	7	9	12	8	10	9	9	8	7	8
9	8	8	6	6	6	6	7	9	8	8	7	8	8	8	8	8	8	9	11	8	7	8	8	8	8
10	8	8	8	8	8	7	7	7	7	7	7	8	8	9	8	8	8	8	8	8	8	8	8	7	8
11	7	7	7	7	6	6	7	8	7	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	7
12	7	7	7	7	8	7	9	11	13	10	9	8	8	8	8	9	10	8	9	9	8	7	7	8	8
13	8	9	9	9	9	11	15	15	15	13	10	10	9	10	8	11	12	10	9	9	8	8	8	8	10
14	7	7	7	7	7	6	6	6	6	6	5	5	6	6	6	6	7	8	7	8	8	7	8	7	7
15	6	6	5	5	5	5	7	9	8	6	6	6	8	8	8	8	10	8	8	10	8	9	9	8	7
16	7	7	7	7	7	7	7	7	8	7	8	7	8	9	10	10	10	10	9	9	9	8	8	9	8
17	9	9	8	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7	8
18	7	7	7	7	7	7	8	12	9	7	7	7	7	7	7	7	7	7	8	8	8	8	7	8	8
19	7	7	7	7	7	7	8	9	9	8	8	8	8	8	8	8	8	8	8	9	10	10	10	10	8
20	8	8	8	8	8	8	10	10	8	8	8	8	8	8	8	8	10	10	9	9	9	9	9	9	9
21	9	9	8	8	8	9	13	14	13	9	8	8	8	8	8	8	8	8	8	7	7	7	7	7	9
22	7	8	8	8	8	7	7	8	8	8	8	10	10	12	11	10	10	10	10	10	9	8	8	8	9
23	7	7	6	6	6	6	6	6	6	6	7	8	8	8	8	8	7	7	7	7	6	6	6	7	8
24	8	11	10	8	8	8	8	8	8	8	8	8	8	8	7	8	8	7	8	8	8	8	8	8	8
25	7	7	7	8	8	8	10	12	12	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
26	6	6	6	6	6	6	7	9	9	7	7	7	7	7	7	7	8	8	9	9	11	10	8	8	8
27	8	7	7	7	8	0	0	1	0	0	0	0	0	0	0	0	1	2	2	3	2	1	1	1	2
28	8	7	7	7	7	7	8	9	9	8	7	7	7	7	7	7	9	9	9	9	8	8	9	8	8
MEAN	7	7	6	6	6	6	7	8	8	7	7	7	7	7	7	7	8	8	8	8	7	7	7	7	7

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

HOUR DAY	STATION - LAWRENCE/KENNEDY SCARBOROUGH								NO 33003								MONTH MAR 74								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	8	7	7	7	7	6	7	8	8	7	8	8	7	8	0	9	10	10	9	9	7	8	8	8	8
2	7	7	7	7	7	7	6	7	6	6	7	7	7	7	7	8	8	8	8	8	7	8	8	8	7
3	8	7	7	7	7	7	7	7	7	7	7	7	8	9	10	13	11	9	9	8	8	8	8	8	8
4	7	7	7	7	7	7	7	13	14	12	12	12	12	10	8	8	8	9	8	8	8	8	8	9	-11.7
5	11	10	8	8	7	7	8	11	9	8	8	7	8	7	7	7	7	9	8	9	8	8	8	7	8
6	7	7	7	7	7	7	7	8	9	8	8	8	8	8	8	8	7	8	8	7	8	8	8	8	8
7	8	8	8	7	7	7	8	11	10	8	8	8	8	8	8	9	10	10	9	9	8	8	8	8	8
8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8	7	7	6	6	6	6	6
9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	8	8	8	8	7	7
10	8	7	7	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7
11	6	6	6	6	7	7	10	15	11	9	8	7	7	8	8	9	10	11	12	10	9	9	9	9	9
12	9	9	9	9	9	9	9	8	7	7	9	8	8	9	9	9	10	11	10	9	8	7	7	7	9
13	7	6	6	6	6	6	6	7	8	6	6	7	7	7	7	8	8	8	8	8	7	7	7	7	7
14	6	6	6	6	6	6	6	7	7	6	6	6	6	6	7	7	7	8	9	9	9	8	7	7	7
15	7	6	6	6	6	6	7	9	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
16	6	6	6	6	6	6	6	6	7	7	9	10	10	11	11	10	10	9	9	8	8	7	7	7	8
17	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	7	7	7
19	7	6	6	6	6	7	8	8	8	8	8	7	8	8	8	8	9	9	8	7	7	7	7	6	6
20	6	6	6	6	6	6	8	7	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
21	6	6	6	6	6	6	6	7	7	7	7	8	7	7	7	7	8	7	7	7	7	7	7	7	7
22	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6
23	7	6	6	6	6	6	7	7	7	7	8	8	7	7	7	7	7	7	7	8	7	7	7	7	7
24	7	7	6	6	6	6	6	6	6	6	6	6	5	5	6	6	6	5	5	5	5	5	5	5	6
25	5	5	5	5	5	5	5	9	8	6	5	5	5	5	5	5	6	6	6	6	6	7	7	7	6
26	6	6	6	6	6	6	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7	7
27	6	5	5	6	6	6	6	7	8	7	6	6	6	6	6	6	7	6	7	7	7	7	7	7	6
28	7	7	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
31	6	6	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7
MEAN	7	7	6	6	6	6	7	8	7	7	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

	STAT (ON - LAWRENCE /KENNEDY SCARBOROUGH								NO 33003								MONTH APR 74								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	6	6	6	6	7	8	7	6	7	7	7	6	6	6	7	6	6	6	6	6	6	6	6
2	6	7	7	7	7	7	7	9	11	8	7	7	7	7	8	8	9	9	9	9	8	8	8	8	8
3	8	8	7	8	8	9	10	10	9	7	7	7	8	8	8	8	8	8	8	8	9	10	10	8	8
4	9	8	8	8	8	8	9	10	9	9	10	10	10	11	11	11	11	14	11	11	11	11	11	10	10
5	10	9	8	8	8	8	8	9	9	9	9	9	9	9	9	9	11	13	9	9	9	9	8	9	9
6	7	7	7	7	7	7	8	8	8	9	9	9	8	8	8	8	9	9	10	11	11	10	9	8	8
7	8	8	7	7	7	7	7	7	7	6	6	6	7	8	8	8	9	9	8	8	9	8	8	7	8
8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
9	7	7	7	7	7	6	7	7	7	7	7	7	7	6	6	6	7	8	7	8	8	9	7	7	7
10	6	6	6	5	5	5	6	8	8	6	6	6	6	6	6	6	7	8	9	11	10	10	11	11	7
11	10	7	7	6	6	6	6	8	7	6	6	7	7	7	7	8	8	8	8	8	9	9	10	11	8
12	9	7	6	6	7	7	7	7	7	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	7
13	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	9	10	10	10	11	10	11	9	9
14	10	10	9	8	8	7	7	7	7	7	7	7	8	8	8	9	8	8	9	9	8	8	7	7	8
15	7	6	5	6	6	5	6	6	7	6	6	6	6	6	6	6	6	6	6	6	7	8	7	7	6
16	6	6	6	6	6	6	6	7	9	8	6	6	6	7	7	7	7	8	7	8	9	8	7	7	7
17	7	6	6	6	6	6	7	9	8	7	6	7	7	7	7	7	8	8	8	8	9	8	8	7	7
18	7	6	6	6	6	6	7	10	9	7	7	7	7	7	7	8	10	9	9	9	8	7	7	6	7
19	6	6	6	6	6	6	6	6	7	6	6	6	6	6	7	7	8	10	8	9	9	10	11	12	7
20	13	12	12	12	13	12	10	8	7	7	7	7	6	6	8	7	6	6	6	7	7	8	8	8	8
21	8	8	8	8	7	6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	8	8
22	8	8	8	8	8	8	8	10	9	9	9	9	9	9	9	11	11	10	10	10	9	9	8	8	9
23	8	8	7	7	7	7	8	10	8	7	7	7	7	7	7	7	8	8	8	8	8	8	7	7	8
24	7	7	7	7	7	7	8	10	8	7	7	8	8	8	8	8	8	9	9	9	8	8	8	8	8
25	7	7	6	6	6	6	7	10	10	8	7	7	7	7	7	7	8	8	7	8	8	8	9	8	7
26	8	8	7	6	6	7	7	7	7	7	7	8	8	8	9	11	12	13	12	13	13	13	12	12	9
27	9	8	7	9	9	10	9	7	7	8	8	8	8	8	8	8	8	8	8	9	8	8	7	8	8
28	8	9	8	8	8	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8
29	7	6	6	6	7	8	10	12	8	8	8	8	8	8	8	9	9	8	8	10	9	8	8	7	8
30	7	7	6	6	7	10	11	9	8	7	7	7	7	7	8	9	9	9	8	8	8	8	7	7	8
MEAN	8	7	7	7	7	7	8	8	8	7	7	7	7	8	8	8	8	9	8	9	9	8	8	8	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	6	6	7	8	8	7	6	6	6	6	7	7	8	8	8	8	8	8	7	7	6	7
2	6	6	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	6	6	6	6	6	6	7	8	9	9	8	9	8	9	10	12	12	8	7	7	6	6	6	6	8
4	6	6	6	6	6	6	7	7	8	8	8	8	8	8	8	8	8	6	7	7	7	8	8	10	7
5	12	11	12	11	9	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	8
6	6	6	6	7	7	8	10	9	8	8	8	8	7	7	7	7	7	6	6	6	5	5	5	5	7
7	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
8	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
9	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
10	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
11	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
12	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
13	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
14	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
15	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
16	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
17	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
18	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
19	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
20	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
21	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
22	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
23	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
24	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
25	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
26	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
27	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
28	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
29	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
30	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
31	5	5	5	5	5	6	7	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
MEAN	4	4	4	4	4	4	5	5	5	4	4	5	4	5	5	5	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2	4	4	4	6	6	3
2	6	6	4	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	4	2
3	3	3	3	2	1	2	5	6	3	3	2	3	1	1	1	1	2	2	2	2	2	2	2	2	2
4	3	2	2	2	2	2	3	5	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3
5	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
6	3	2	2	2	2	2	2	3	2	1	5	5	1	1	1	1	1	1	1	2	2	1	1	2	2
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	2	1	1
8	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	4	3	4	2
9	5	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3
10	2	2	1	1	1	2	4	4	3	3	2	2	2	3	2	4	3	3	3	3	3	3	2	2	3
11	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2	2	2	2	3	4	3	4	4	3	2
12	3	3	3	2	2	3	8	4	3	2	2	1	1	1	2	2	3	2	3	3	2	2	3	4	3
13	4	3	2	2	2	4	6	4	3	3	3	2	3	3	3	4	5	3	4	4	5	5	5	4	4
14	4	4	3	4	4	5	8	7	5	4	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	4	3	2	2	2	1	1	1	2	4	3	2	1	1	2	2	2
16	2	2	1	1	1	1	2	2	2	1	1	1	1	2	1	2	1	1	1	2	1	2	3	2	2
17	2	2	2	2	3	4	7	4	2	2	2	2	2	2	2	3	2	3	2	2	2	2	3	2	3
18	1	1	1	1	2	3	6	5	4	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3
19	2	1	2	2	2	3	6	5	4	3	3	3	2	1	2	2	2	2	2	2	2	2	3	3	3
20	3	4	4	3	4	4	8	8	6	5	5	3	3	3	3	4	4	3	4	4	7	9	6	7	5
21	5	3	2	3	3	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	5	3	2	3	3	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	5	3	2	3	3	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	5	3	2	3	3	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	2	2	2	2	4	4	5	5	3	2	2	2	2	2	2	4	4	4	4	6	4	4	5	5	3
26	4	4	3	3	4	4	6	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
27	5	5	7	7	8	9	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	3	2	2	2	2	3	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	3	4	4	3	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	4	5	3	2	2
2	2	2	2	1	1	2	3	4	2	2	2	2	2	0.0.0.0	2	3	3	2	2	2	2	3	3	3	2
3	3	2	2	1	1	1	3	5	9	8	4	4	3	2	3	4	3	3	3	4	8	8	6	3	4
4	2	2	2	2	2	3	5	4	4	4	3	3	3	3	2	3	3	2	3	4	2	3	2	3	
5	2	1	1	1	1	2	3	3	2	2	1	2	2	2	2	3	3	2	4	5	3	2	2	2	
6	2	3	2	2	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	4	5	
7	5	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	4	6	6	6	5	4	
8	3	3	3	3	3	5	7	6	5	3	3	3	3	2	2	7	3	2	3	3	4	4	5	3	
9	2	2	1	1	1	2	5	5	3	3	3	2	2	2	2	2	2	2	3	3	4	3	2	2	
10	1	1	1	1	1	2	2	1	2	3	3	2	2	2	2	3	3	3	3	3	2	1	1	2	
11	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	3	4	3	4	4	3	3	2	2	
12	1	1	1	1	1	3	8	6	2	2	2	2	2	0.0.0.0	2	3	3	3	4	4	3	3	2	2	
13	4	3	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	5	5	4	3	
14	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	3	3	
15	1	1	1	1	1	2	6	4	4	4	4	4	3	0.0.0.0	2	2	2	2	2	2	2	2	2	1	
16	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	4	4	
17	3	3	2	2	2	4	7	6	5	3	3	3	3	3	4	5	3	3	3	3	3	4	4	3	
18	2	2	2	2	1	2	3	3	3	3	3	2	2	2	2	3	5	3	3	3	3	4	4	3	
19	2	2	1	1	1	2	5	4	3	2	3	3	2	2	2	5	4	3	2	3	4	2	2	1	
20	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	3	2	2	2	3	
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	6	6	5	2	
22	5	5	4	4	3	3	3	2	1	1	1	1	1	0.0.0.0	1	1	1	1	1	1	1	1	2	2	
23	1	2	1	1	2	3	6	6	3	2	2	2	2	2	2	2	1	2	2	2	3	4	4	3	
24	2	2	2	2	2	4	6	6	3	3	3	3	3	3	3	4	4	2	2	2	1	1	1	2	
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	
26	2	2	2	2	2	2	5	4	3	2	3	3	3	3	3	3	3	3	3	3	4	4	4	5	
27	5	5	5	3	3	3	4	4	5	5	5	5	4	4	5	7	6	4	5	5	4	5	9	12	
28	12	10	6	6	5	5	6	4	4	3	3	3	3	3	3	3	3	3	5	6	5	6	7	7	
29	3	2	2	3	3	3	6	6	5	4	6	7	4	0.0.0.0	6	7	8	5	4	3	4	8	10	12	
30	7	3	2	3	3	8	13	9	6	4	5	3	3	4	3	2	2	2	5	7	9	9	7	6	
31	5	4	3	3	2	5	8	7	5	4	4	5	3	4	4	7	5	4	4	5	7	8	9	8	
MEAN	3	3	2	2	2	3	4	4	3	3	3	3	2	2	3	3	3	2	3	3	4	4	4	4	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	2	2	6	10	9	8	5	4	5	4	4	5	6	5	4	6	8	10	9	8	9	6
2	9	6	2	3	3	4	5	6	5	4	2	2	2	2	0.0.0.0	2	2	2	2	2	2	3	3	3	3
3	3	3	2	2	2	3	4	3	4	4	4	3	3	3	3	3	2	3	3	5	5	5	4	4	3
4	4	4	4	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4	3
5	3	2	2	1	1	2	2	2	2	2	3	5	5	5	4	4	4	4	4	5	7	8	9	7	5
6	7	5	6	4	4	9	13	11	11	7	5	4	2	0.0.0.0	0.0.0.0	2	1	1	2	2	2	2	2	2	2
7	1	1	1	1	1	3	4	3	3	2	3	2	2	1	1	2	2	2	2	4	5	6	6	7	3
8	7	6	7	4	4	5	10	10	5	5	3	2	2	2	2	3	3	3	3	3	3	2	2	2	4
9	2	2	2	2	2	2	3	2	1	1	1	1	1	1	0.0.0.0	1	1	1	1	1	1	2	2	2	2
10	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
11	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
12	1	1	1	1	1	2	5	4	3	3	3	2	2	2	2	4	4	3	4	4	5	4	6	5	3
13	4	3	3	3	3	6	10	5	3	3	3	2	2	2	3	4	4	2	4	5	3	2	2	1	2
14	0	0	0	0	1	1	3	2	1	1	2	2	2	2	1	3	4	2	3	4	3	2	2	2	2
15	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1
16	2	2	2	3	4	4	5	2	1	1	2	1	1	1	2	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
17	DATA MISSING													DATA MISSING											
18	DATA MISSING													DATA MISSING											
19	7	6	4	2	2	3	5	3	2	2	2	1	3	3	2	1	1	2	2	3	3	6	7	8	0.0.0.0
20	7	6	4	2	2	3	5	3	2	2	2	1	3	3	1	1	1	1	2	2	2	1	2	3	2
21	3	4	3	3	3	4	9	6	4	4	3	3	2	2	2	2	2	3	3	4	3	3	3	5	3
22	5	5	6	6	5	5	4	4	4	3	3	3	3	3	3	4	3	4	5	4	4	4	5	4	4
23	5	4	4	3	3	6	10	7	5	4	3	3	2	3	3	5	7	9	9	5	5	3	2	1	5
24	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	2	3	2	2
25	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2
26	2	2	2	3	3	4	6	5	2	2	2	2	3	4	3	3	3	3	3	4	3	3	3	3	2
27	2	2	2	2	2	3	5	4	4	3	3	4	5	4	5	7	6	4	5	4	3	5	4	3	4
28	2	2	2	2	2	5	13	6	4	2	3	2	3	0.0.0.0	3	5	4	3	3	5	4	3	4	3	4
29	2	2	1	1	1	3	4	4	2	2	1	1	1	1	2	2	2	2	4	7	8	8	10	10	5
30	9	8	7	4	3	4	16	10	6	4	0.0.0.0	2	2	2	2	4	4	3	5	5	4	4	4	4	3
31	3	3	3	3	3	3	3	3	4	4	5	4	3	3	3	3	3	2	3	4	4	5	7	5	4
MEAN	3	3	3	2	2	3	6	4	3	3	3	2	2	2	2	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH SEP

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	3	3	3	4	4	3	3	3	3	3	3	2	2	3	4	6	6	4	3	3	4	4
2	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	1	2	4	11	10	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	3	3	3	4	9	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	5	4	3	3	3	4	8	7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	2	1	1	1	1	3	2	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2
8	5	4	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	2	2	4	6	6	4	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	3	2	2	2	3	5	10	9	6	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	1	1	1	2	5	4	2	1	1	1	1	1	1	2	3	2	3	3	3	2	2	2	2
12	2	2	1	1	2	2	4	3	3	3	2	3	3	3	5	10	8	11	14	18	15	16	17	15	7
13	13	10	7	7	7	8	11	11	9	6	6	6	6	4	4	5	7	4	4	5	4	3	3	4	6
14	13	3	3	3	3	4	4	3	4	3	3	3	3	4	4	4	4	4	6	7	6	7	7	6	4
15	5	4	4	3	3	3	3	2	1	1	1	2	2	2	2	3	2	4	4	4	4	3	3	3	3
16	2	3	3	3	2	4	7	6	3	3	4	4	1	2	2	4	4	5	8	9	6	8	9	9	5
17	9	8	7	7	7	11	18	12	7	6	4	4	4	4	5	11	8	6	7	7	8	5	4	3	7
18	3	2	2	2	2	3	4	4	3	1	1	2	3	3	4	4	4	4	7	7	9	8	7	7	4
19	7	7	7	6	7	8	11	12	10	6	5	5	5	5	4	5	6	6	7	6	6	6	6	6	7
20	6	6	6	4	4	5	8	8	6	5	5	5	6	6	8	11	13	12	11	11	9	8	8	8	8
21	7	7	7	7	7	8	9	10	10	11	10	9	9	8	4	4	7	8	10	11	9	8	9	9	8
22	5	4	3	4	5	4	3	3	3	3	3	4	4	4	5	5	5	6	6	6	7	8	9	9	5
23	8	7	6	6	7	8	10	15	11	8	5	5	5	5	5	5	9	9	10	10	10	10	13	12	8
24	11	12	13	12	11	12	18	22	9	5	5	5	4	4	5	7	7	7	8	8	8	7	6	9	8
25	6	5	5	5	5	5	7	7	6	6	7	5	4	3	3	4	4	5	5	6	8	7	8	8	6
26	7	7	6	7	7	9	15	16	11	7	6	6	5	5	5	5	6	6	8	7	7	8	8	9	8
27	8	8	7	7	8	9	13	12	8	7	6	6	6	3	6	11	12	13	12	9	9	9	8	8	9
28	9	10	9	9	8	7	7	9	10	9	9	9	9	9	9	10	11	12	11	11	9	9	8	8	9
29	8	8	8	8	8	9	10	9	7	5	4	4	4	2	1	1	1	1	1	0	0	0	0	0	4
30	1	4	2	1	2	5	13	12	8	6	6	6	4	4	4	7	7	6	8	8	8	8	8	8	6
MEAN	5	5	4	4	4	5	8	8	5	4	4	4	3	3	4	5	5	5	6	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH OCT

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	13	11	9	9	10	11	17	14	9	6	6	6	4	4	4	7	10	5	5	5	5	5	5	4	8
5	4	3	3	3	4	6	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	6	6	7	5	5	5	4	4	5	5	4	4	4	3	3	2	3	3	3	3	2	2	2	1	4
7	1	1	1	1	1	2	6	4	2	2	2	3	3	3	4	5	6	8	8	3	2	2	3	4	3
8	3	2	2	3	4	10	19	13	8	6	5	4	3	3	3	5	1	3	3	2	3	3	2	2	5
9	1	1	1	1	2	2	6	8																	
10																									
11																									
12																									
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26																									
27																									
28																									
29																									
30																									
31																									
MEAN	5	4	4	4	4	6	10	8	6	5	4	4	4	4	4	6	5	5	6	5	4	4	4	4	5

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20	2	2	2	2	2	3	3	4	6	6	6	9	9	9	9	8	8	9	6	5	4	3	3	3	5
21	3	2	2	2	2	2	3	3	4	3	4	3	3	3	3	5	5	4	4	3	2	2	2	2	3
22	2	2	2	2	2	2	3	5	6	4	4	4	1	1	2	4	4	5	5	6	7	9	10	10	4
23	8	6	3	3	3	3	3	4	4	4	4	4	4	3	2	2	3	3	2	2	3	4	4	3	4
24	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	4	3	2	2	2	2	2	2	3
25	2	1	1	1	1	1	2	4	5	3	3	3	3	3	3	3	6	6	5	5	3	3	3	3	3
26	3	2	2	1	1	1	3	6	6	4	3	3	3	2	3	4	7	9	5	6	6	7	8	9	4
27	7	6	7	8	6	6	6	6	6	3	2	1	1	0	0	0	0	0	0	0	0	1	1	1	3
28	1	2	1	1	1	1	1	2	3	4	5	5	4	3	1	1	2	3	6	5	4	5	4	4	3
29	4	3	3	2	2	2	4	10	9	6	5	5	5	4	4	3	8	7	8	8	7	7	5	5	5
30	5	5	5	5	4	4	5	5	5	5	4	4	4	4	3	3	3	3	2	2	2	2	1	1	4
MEAN	4	3	3	3	2	3	3	5	5	4	4	4	4	3	3	3	5	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	2	3	3	3	1
3	2	2	2	1	2	1	3	4	4	3	3	3	3	3	3	3	5	5	4	4	3	2	2	2	3
4	1	1	1	0	0	0	2	5	4	3	3	3	3	4	4	4	11	14	11	14	12	14	16	18	6
5	19	15	13	9	4	3	4	6	7	4	4	4	6	6	6	8	10	9	10	9	9	9	9	9	8
6	8	8	6	6	6	8	6	14	13	9	7	7	7	3	3	2	2	7	2	5	8	11	9	9	7
7	9	4	9	10	3	2	2	2	4	3	2	2	2	2	2	2	2	2	2	1	2	2	1	1	3
8	1	1	1	0	0	1	1	1	1	1	2	3	5	5	6	5	4	3	3	3	2	2	1	2	2
9	1	1	0	0	0	0	2	4	4	2	2	2	2	3	2	3	5	6	4	3	2	2	2	1	2
10	1	1	0	0	0	0	1	4	3	2	2	2	2	2	2	3	5	5	4	4	3	2	2	2	2
11	2	2	1	1	1	1	3	9	8	6	5	5	7	8	5	5	8	6	4	4	3	2	3	4	4
12	2	2	1	1	1	1	5	7	7	5	4	5	6	5	7	7	9	8	9	9	6	7	6	5	5
13	3	3	2	2	2	2	6	10	9	6	5	4	6	4	4	5	6	4	4	2	1	0	0	1	4
14	1	1	0	0	0	0	1	3	4	5	4	6	4	4	5	6	7	4	2	2	2	1	1	1	3
15	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	5	10	14	14	8	8	5	3	4
17	3	3	2	2	1	2	4	7	6	4	4	3	3	3	3	4	5	4	3	3	2	2	1	1	2
18	1	0	0	0	0	0	1	2	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
19	DATA MISSING																								
20	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	3	3	3	3
21	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	5	3	3	3	2	2	3	3
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2
23	1	1	1	1	2	1	1	2	3	3	3	3	3	3	3	3	4	3	3	3	2	1	1	2	2
24	1	1	1	0	0	0	1	3	4	3	4	5	5	6	8	7	6	4	4	3	3	2	2	2	3
25	2	1	1	2	1	0	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	1	2	1
26	2	1	0	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	0	1	1	1	1	1	3	4	4	4	3	3	3	3	2	2	2	1	2
28	2	1	1	1	1	1	1	2	2	3	2	3	2	2	2	2	2	3	2	2	2	2	1	1	2
29	1	1	1	1	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
30	1	1	1	1	1	1	2	3	3	2	2	3	3	3	2	2	4	6	5	4	3	3	3	3	3
31	2	2	2	2	1	2	4	9	11	9	5	3	2	3	6	6	5	3	3	2	3	3	3	2	4
MEAN	3	2	2	2	1	1	2	4	4	3	3	3	3	3	3	4	5	5	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8	10	19
FEB	28	7	10	15
MAR	31	7	9	15
APR	30	8	10	14
MAY	16	4	8	12
JUN	28	3	5	9
JUL	31	3	5	13
AUG	29	3	6	16
SEP	30	5	9	22
OCT	7	5	8	19
NOV	11	4	5	10
DEC	30	3	8	19
YEAR	302	5	10	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	0	0	518	212	6	0	736
FEB	12	44	473	122	4	0	655
MAR	1	0	650	84	2	0	737
APR	0	0	534	178	1	0	713
MAY	61	99	165	15	0	0	340
JUN	125	363	148	2	0	0	638
JUL	112	425	188	12	0	0	737
AUG	130	324	190	23	1	0	668
SEP	71	208	316	98	12	0	705
OCT	11	40	66	15	4	0	136
NOV	33	107	109	12	0	0	261
DEC	237	265	143	31	11	0	687
YEAR	793	1875	3500	804	41	0	7013

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.9	2.3	4.8	6.6	8.3	9.4	10.9	12.2	22	5.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
2	2	1	1	1	1	1	1	2	4	2	1	1	1	1	2	2	2	3	3	3	2	2	3	2	2
3	2	2	1	2	2	2	2	5	7	3	2	1	1	1	2	2	2	3	2	3	4	5	4	3	3
4	3	2	2	2	2	2	2	2	3	2	2	3	3	2	2	1	1	1	1	1	1	2	2	2	2
5	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	3	2	2	1
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	2	1	2	2	2	2	2	2	1
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	8	7	6	5	2	2	2	3	2	2	2	2	2	2	2	2	3	3	4	4	4	4	5	6	4
12	7	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
13	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	2	2	2	2	2	5	5	3
14	7	7	6	5	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	4	2	2	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
16	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	2	3	3	3	3	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	1	1	1	1	1	2	2	1	1	2	1	2	2	3	3	3	3	3	6	6	7	8	3
20	9	10	10	10	10	10	9	6	3	3	2	2	2	2	2	2	3	3	3	3	4	4	6	6	5
21	6	8	7	7	6	6	5	4	3	3	3	3	2	2	3	3	3	3	2	3	3	3	2	2	4
22	2	3	3	2	1	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	4
23	2	3	3	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	9	9	8	8	7	7	6	4	3	3	3	4	3	3	3	3	3	3	3	3	4	6	6	6	5
28	6	6	6	6	6	5	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4
29	3	3	3	3	2	3	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
30	2	2	2	2	2	3	4	3	5	2	2	2	2	2	2	3	4	5	5	3	3	2	2	2	3
MEAN	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	2	2	3	3	3	3	6	8	9	7	5	6	5	5	6	5	4	3	3	3	3	3	3	3	2
4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	4
5	8	8	9	9	10	10	8	4	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	5
6	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	3	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	6	6	5	5	5	5	5	6	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
9	4	4	4	4	4	4	6	10	10	10	8	6	6	4	4	4	5	4	4	4	4	4	4	4	5
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
11	4	4	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4
12	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4
13	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
14	3	3	3	3	3	3	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	2	2	2	1	1	1	2	2	2	1	1	2	2	2	3	4	5	3	2	2	2	2	2	2	2
17	2	1	1	1	1	1	3	6	8	4	2	1	1	1	1	2	2	1	2	2	2	2	2	2	2
18	5	4	2	1	1	1	1	1	1	1	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3
19	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	5	5	4	3	3	2	2	1	1	1	1	2	1	2	1	2	2	3	3	3	3	3	3	3	3
21	4	4	3	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	5	5	6	8	8	3
22	8	7	5	5	4	4	7	9	8	5	5	4	2	3	3	3	3	3	2	2	2	2	2	2	4
23	2	2	2	2	2	2	4	5	4	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	3
24	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	3	3	2	2	3	3	3	4	4	4	4	4	4	5	5	7	6	5	3
28	3	2	2	2	2	2	4	3	2	3	3	2	2	2	2	3	3	3	3	4	4	4	4	3	3
29	2	2	2	2	2	2	5	8	7	9	9	8	7	5	5	5	5	5	5	5	5	5	5	5	5
30	5	4	3	3	2	2	4	3	3	5	4	4	4	4	4	4	4	4	4	5	5	5	7	6	4
31	4	3	2	2	2	2	4	4	4	4	4	4	4	4	4	4	5	4	4	3	3	4	4	4	4
MEAN	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	7	7	8	4
2	9	9	9	8	7	6	3	2	3	3	3	3	3	3	3	3	3	3	3	3	6	7	7	8	4
3	7	6	6	6	5	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
4	6	5	5	5	5	5	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
5	8	7	6	5	5	6	8	8	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5
6	7	6	6	6	5	5	8	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
7	2	2	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	3
8	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	5	5	5	5	5	5	4	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
10	3	2	2	1	1	2	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2
11	2	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
12	2	2	1	1	0	0	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
13	2	1	1	1	0	0	1	1	1	2	1	1	1	1	3	3	4	5	5	5	6	6	6	6	3
14	6	6	6	5	5	5	7	8	7	5	4	3	3	4	4	5	5	5	5	4	4	4	4	4	5
15	6	6	5	4	3	3	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	5	4	4	4	3	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	8	8	8	6	6	6	8	10	8	8	7	5	5	6	6	7	6	5	5	6	7	11	9	10	7
21	10	8	5	5	6	6	8	9	7	6	6	6	6	7	6	8	8	6	5	4	4	4	4	4	6
22	4	4	5	4	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4
23	4	4	4	3	2	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
24	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	2	2	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	2	4	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
27	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	3	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	5	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	1	***	***	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2
2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2
3	1	1	1	1	1	1	3	7	7	3	3	3	2	2	1	1	2	3	4	5	6	8	9	5	3
4	***	***	***	***	***	***	***	***	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
5	***	***	***	***	***	***	***	***	***	***	0	1	1	1	1	1	1	1	1	1	2	2	2	2	***
6	2	2	***	***	***	***	***	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	4	5	2
7	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	5	8	6	6	4	3
8	4	3	3	4	3	3	4	5	4	2	2	2	***	1	1	2	2	2	2	3	5	3	3	3	3
9	2	2	***	***	***	***	2	2	2	4	3	2	2	2	1	1	1	1	1	2	1	1	1	2	2
10	2	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	***	1
12	***	***	***	***	***	***	***	***	***	***	1	1	***	2	1	2	2	2	2	3	3	5	5	5	***
13	6	5	5	5	4	3	3	***	***	***	3	3	3	2	2	2	2	2	1	2	2	5	3	3	3
14	3	3	3	2	***	***	2	2	2	2	2	2	2	2	2	1	1	1	1	1	3	2	2	2	2
15	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	3	1	1	1	1
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	4	4	2	2
17	3	3	3	2	***	***	3	4	3	3	3	3	3	3	4	2	2	2	2	2	2	3	3	3	3
18	2	***	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3
19	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	2	2	2	2	2
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	2	5	6	5	5	***
21	5	5	4	3	2	***	4	4	***	2	2	2	2	***	2	2	2	3	3	2	2	3	4	3	3
22	2	2	1	1	2	2	4	3	3	3	3	3	3	2	2	2	2	2	2	2	4	5	5	3	3
23	4	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	2	3	3	3	2	2	2
24	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
25	4	3	3	3	3	4	5	5	3	4	4	4	4	4	4	4	4	3	4	4	4	5	7	8	4
26	8	8	7	6	6	5	5	4	4	4	4	4	4	4	4	4	4	3	4	4	4	7	6	7	5
27	7	8	8	7	7	6	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	5
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	4	3	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	2	3	3	3	4	***
2	3	2	1	***	***	***	***	3	3	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	2
3	3	2	2	2	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2
4	2	2	2	1	***	***	***	***	***	***	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	3	4	1
6	4	4	3	2	2	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
7	1	1	***	***	***	***	2	3	3	2	2	2	2	2	1	1	1	1	2	2	6	6	6	6	3
8	8	8	8	8	7	7	9	9	10	5	3	2	2	2	2	2	2	1	2	2	2	1	2	***	5
9	***	***	***	***	***	***	2	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	1
10	***	***	***	***	***	***	***	***	***	1	2	2	2	2	1	1	1	1	1	1	1	2	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	***
12	1	1	1	1	***	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	0	0	***	***	1
13	***	***	***	***	***	***	***	***	***	***	1	2	2	2	2	2	2	2	2	2	2	2	***	***	***
14	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***
15	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	3	5	4	***
16	3	3	4	4	4	5	8	12	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3
17	4	4	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
18	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
19	2	2	2	2	2	2	6	4	3	2	2	2	3	3	3	3	3	2	3	3	5	6	6	6	3
20	7	7	7	7	6	6	8	8	5	3	3	3	3	3	2	2	2	2	2	2	2	3	5	5	4
21	5	5	5	5	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	6	6	4	4	3	4	6	13	8	***	***	***	***	4	3	3	3	3	3	3	3	3	3	5	5
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	3	3	3	3	3	***	2	1	1	1	1	1	1	1	1	1	1	2	4	5	4	2
26	3	3	3	3	3	3	4	8	7	4	***	2	***	2	2	2	2	2	2	2	2	2	2	2	3
27	***	***	***	1	2	2	5	6	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	3	3	2	2	2	2	4	4	3	2	2	2	2	2	2	2	2	1	1	2	2	5	6	6	3
30	7	7	7	6	5	4	6	11	6	7	7	6	6	6	6	6	6	7	7	5	6	7	7	7	7
31	5	5	5	5	4	4	4	5	5	5	4	4	4	4	3	3	3	3	3	3	4	6	6	6	4
MEAN	4	4	3	3	3	3	4	6	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	2	2	3	3	3	4	4	3	1	1	1	3	3	3	2	3	3	3	3	3	4	5	4	5	3
4	4	3	3	2	2	2	4	6	3	1	1	1	1	1	1	2	2	2	2	6	6	5	4	4	3
5	4	3	3	3	3	3	7	6	10	6	2	1	1	1	1	1	2	2	2	5	6	6	8	9	4
6	9	8	7	6	5	4	7	8	3	2	2	2	1	1	1	2	2	3	3	4	4	4	5	6	4
7	7	6	5	5	4	5	5	4	4	3	2	3	3	3	3	3	3	3	3	4	7	6	7	4	4
8	8	8	7	6	6	5	5	5	4	3	3	4	4	3	3	3	4	4	4	4	4	4	3	3	4
9	3	3	2	2	3	3	5	5	5	4	4	4	4	3	3	4	4	4	4	6	7	6	4	4	5
10	5	5	4	5	5	4	7	10	8	5	4	4	4	4	4	4	4	4	4	3	3	3	4	4	5
11	4	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3
12	3	3	2	2	2	3	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	4	4	4	4	4	7	11	11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	2	2	2	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	6	6	7	7	7	3
19	7	7	6	5	5	7	10	12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
20	3	4	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
21	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	4	4
22	3	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	3	3	3	3	3	3	2
23	4	4	3	3	3	3	6	8	4	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	4	4	4	3	3	4	5	5	4	3	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5	4	4	4	4	5	5	5	5	4	3	2	2	1	1	1	1	0	0	1	1	2	4	4	4	3
6	3	3	4	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	4	4	4	4	4	4	6	8	7	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4
9	3	3	3	3	4	4	4	4	3	2	2	2	3	3	3	3	4	5	6	7	5	3	3	5	4
10	3	3	3	3	3	3	4	5	4	3	2	2	2	3	3	2	3	2	3	4	5	5	5	6	3
11	6	5	4	3	3	3	4	5	3	3	2	3	3	3	3	3	3	3	4	4	6	6	6	7	4
12	7	6	6	6	6	6	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4
13	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
14	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	4	3	3	3	4	5	8	8	5	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
16	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
17	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	4	4	4	2	2	2	2	2	2	2	2	2	1	3	3	3	3	3	3
19	2	2	2	2	2	2	3	3	3	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2
21	2	2	2	1	1	1	2	5	3	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	4	4	4	4	4	5	6	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	2
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	4	7	9	7	3	3	3	3	4	3	3	4	5	5	7	8	8	8	5
29	9	9	8	8	8	8	9	11	13	15	8	4	4	4	4	4	5	6	5	5	5	5	5	4	7
30	4	4	4	4	4	5	6	6	6	4	5	5	4	3	3	4	5	5	3	3	3	4	4	3	4
31	4	4	4	4	4	4	4	6	6	5	4	4	4	3	4	3	4	4	3	4	4	5	5	5	4
MEAN	4	3	3	3	3	3	4	5	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	4	4	4	5	6	4	4	3	3	3	3	2	2	3	2	2	2	2	3	3	4
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	4	3	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2
5	3	2	2	3	3	3	3	4	3	3	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3
7	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	5	5	6	5	4	4	7	3
8	7	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9																									
10																									
11																									
12																									
13	1	1	1	0	1	0	0	1	3	2	1	1	1	1	1	1	3	3	3	2	2	2	2	2	1
14	2	1	1	1	1	1	1	1	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	4	3	3	3	3	4	6	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3
19	4	4	3	3	2	2	3	5	6	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	2	3	3	3	3	4	8	8	7	5	3	3	3	4	4	5	3	2	3	3	3	2	4
21	1	1	1	1	2	2	1	2	2	2	1	1	1	2	2	4	4	3	3	3	3	3	3	3	2
22	3	3	3	3	3	4	4	4	5	4	3	3	3	3	3	3	4	5	7	9	6	7	8	5	6
23	9	8	8	8	8	7	6	7	6	5	4	4	4	4	4	4	4	6	5	5	5	4	4	4	6
24	4	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25																									
26	3	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	3	4	4	4	6	6	6	6	3
27	5	5	4	4	4	4	4	6	6	5	3	3	3	3	2	3	4	4	4	3	3	4	4	4	4
28	3	3	3	3	3	3	3	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
29	4	3	3	5	4	3	4	5	6	5	3	3	3	3	2	3	4	5	5	6	6	6	6	5	4
30	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	3	4	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	5	7	7	8	9	9	10	4
5	11	11	11	11	7	3	4	4	4	3	2	3	3	3	3	3	4	4	4	4	5	6	5	5	5
6	5	6	6	7	6	6	6	5	6	5	3	2	2	2	2	2	4	3	4	4	5	7	7	7	5
7	8	8	9	9	10	10	10	10	9	5	4	3	3	3	3	3	4	3	4	4	4	4	4	4	6
8	4	4	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	3	4
9	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10																									
11																									
12																									
13																									
14																									
15																									
16	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	5	7	5	3	3	3	3	3
17	3	2	2	2	2	3	3	3	4	3	2	2	1	1	1	1	2	2	2	2	2	1	1	2	2
18	1	1	1	1	1	2	2	2	3	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	3	3	3	3	3	2	1	2	2	2	3	3	4	4	3	2	2	2	2
20	2	2	2	2	2	3	3	5	7	12	13	10	3	2	2	3	3	2	2	3	3	3	3	3	4
21	3	4	3	2	2	2	3	3	3	3	4	2	2	2	2	2	2	4	3	3	3	3	3	3	3
22	3	3	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	1
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25																									
26																									
27																									
28	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2
30	2	2	2	3	2	2	2	3	3	2	2	2	1	1	1	1	2	3	3	4	4	4	4	3	2
31	3	3	3	3	3	3	3	5	6	8	8	2	1	2	2	2	3	4	3	3	4	4	4	4	3
MEAN	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	3	2	2	3
APR	30	3	5	10
MAY	31	3	5	10
JUN	30	4	7	11
JUL	30	3	5	9
AUG	30	3	7	13
SEP	23	3	5	12
OCT	29	3	7	15
NOV	27	3	6	9
DEC	23	3	6	13
YEAR	256	3	7	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	5	53	0	0	0	0	58
APR	142	407	106	10	0	0	665
MAY	84	313	318	11	0	0	726
JUN	106	236	331	9	0	0	682
JUL	154	316	116	1	0	0	587
AUG	171	231	125	6	0	0	533
SEP	42	218	173	8	0	0	441
OCT	77	342	183	7	1	0	610
NOV	41	331	161	3	0	0	536
DEC	79	301	83	17	0	0	480
YEAR	901	2748	1596	72	1	0	5318

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
72	0	0.6	1.4	2.1	3.1	4.9	6.1	7.6	8.6	15	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	1	1	1	1	1	1	2	3	6	6	5	4	4	3	3	7	8	7	11	11	10	10	9	9	5
4	6	8	8	6	9	9	10	10	11	12	9	6	4	4	4	6	6	6	6	6	6	6	6	6	8
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	2	2	2	2	2	2	3	4	4	3	2	2	2	2	3	3	3	3	2	2	2	1	1	2	2
9	0	0	0	0	0	0	0	1	1	2	3	2	2	3	4	7	8	9	10	7	9	8	5	5	4
10	5	7	8	8	7	7	5	3	4	3	3	6	9	10	9	7	5	5	5	4	3	3	3	3	6
11	2	2	2	1	1	2	2	3	4	3	2	2	3	2	3	4	6	5	5	5	6	6	5	5	3
12	5	5	5	5	5	5	4	4	4	3	3	3	4	1	1	1	2	6	9	9	12	7	6	3	5
13	2	3	4	2	1	0	1	2	4	6	7	8	8	8	8	8	9	8	6	6	10	9	9	5	6
14	6	4	3	3	3	5	5	8	8	4	3	3	3	3	2	1	2	1	0	0	0	0	0	0	3
15	0	0	0	0	0	0	2	4	4	2	3	3	2	1	1	2	3	2	1	1	1	1	3	4	2
16	3	2	1	1	2	2	2	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	1	4	3	1	2	4	1	4	10	7	2	4	2	4	5	3	3	4	3	2	1	2	1	1	0
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	5	5	5	5	5	4	4	3	4

PERCENTAGE OF DATA VALID - 38

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
8	1	0	0	0	0	1	3	4	4	1	1	1	2	4	3	3	2	2	2	3	2	2	2	2	2
9	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	1	3	3	2	1	0	1	1	1	2
10	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	1	1	1	0	0	1
11	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	2	2	2	2	1	2	2	1	1
12	1	1	1	1	1	1	2	4	2	1	0	0	1	1	2	3	4	3	2	1	1	2	1	2	2
13	2	2	1	1	2	3	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	1	1	0
15	1	1	1	1	1	1	2	4	4	2	2	2	1	1	1	0	4	4	4	4	4	4	3	3	2
16	2	3	3	2	1	1	1	2	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	1
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	2	3	5	6	5	4	3	3	3	4	4	5	4	3	2	2	2	3	2	3
19	2	2	1	1	1	1	4	8	11	7	5	5	6	5	5	6	7	8	6	5	3	2	2	1	4
20	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
21	2	1	1	2	2	3	5	11	12	5	5	3	3	4	4	4	5	3	2	2	1	1	1	1	3
22	1	0	0	0	0	0	1	4	4	2	3	5	5	5	5	4	4	4	4	4	4	4	4	4	3
23	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24													- DATA MISSING -												
25													- DATA MISSING -												
26	4	4	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	2	2	3	5	5	4	3	3
27	0	0	0	0	0	0	0	4	4	4	2	2	1	1	2	2	2	2	2	2	2	2	1	1	2
28	3	3	3	2	3	3	4	7	7	6	5	5	5	4	4	5	5	5	5	4	4	3	3	4	4
MEAN	2	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	2	2	2	2	3	3	0.00	1	1	0	0	0	0	1	0	0	0	0	0	1
2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1
3	1	1	1	2	2	3	3	3	2	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	8	6	5	5	3	2	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
8	1	1	1	1	1	1	3	4	2	2	2	2	2	2	2	3	4	3	3	2	2	2	1	1	2
9	1	1	1	1	1	1	1	1	4	2	2	2	2	2	2	2	2	2	3	2	2	2	0.00	0.00	2
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	1	1	1	1	1	2	2	3	3	3	2	2	2	1	1	0	0	1	1	0	0	0	0	0	1
13	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
15	2	2	1	1	1	2	4	6	7	7	5	3	3	3	3	4	4	4	3	3	2	2	1	0	3
16	1	0	0	0	0	0	0	0	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	1	1	1	1	1	1	3	3	4	4	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2
21	2	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	3	3	2	1
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0
28	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	3	2	1	1	1	0	0	0	1
29	0	0	0	0	0	2	3	3	2	1	2	1	2	2	2	3	2	2	1	1	1	1	1	0	1
30	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
31	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	3	2	2	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	2	0	1	1	3	3	8	9	6	3	2	2	2	2	3	3	3	3	3	2	2	4	2	1
4	1	0	0	0	0	0	2	4	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	2	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	2	1	1	1	1	2	3	2	1	1	0	0	2	3	2	4	5	2	4	3	3	3	4	2
12	4	3	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	1
13	2	1	1	1	1	2	2	2	3	3	3	3	2	1	0	0	1	0	1	0	0	0	0	0	1
14	0	0	0	1	1	0	0	0	1	1	2	2	3	3	3	3	3	3	3	3	2	2	3	2	2
15	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
16	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1
17	1	1	0	1	1	1	2	3	3	1	0	2	2	1	1	1	0	0	0	1	3	3	2	2	1
18	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	5	6	5	5	4	4	4	4	2
20	5	5	4	3	3	4	4	3	0	0	4	0	0	4	3	4	4	4	5	4	4	3	4	6	4
21	4	4	5	3	3	3	3	3	4	4	4	3	4	4	4	3	3	1	1	1	1	1	1	1	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	9	6	7	6	3	3	0	0
23	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
25	0	0	0	4	4	4	3	3	0	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	1	2	3	5	8	6	4	4	4	4	5	6	7	7	6	5	3	2	2	2	1	1	4
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	2	3	2	3	0.000	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	3	3	6	7	6	5	5	5	5	5	6	6	6	6	5	5	4	3	3	3	4
3	3	3	3	2	2	3	6	5	4	9	7	7	0.000	5	7	5	2	2	2	2	2	2	2	2	4
4	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	4	5	5	7	3
5	8	10	11	9	8	7	8	7	5	4	3	4	5	5	5	5	4	5	4	5	5	4	5	4	6
6	4	4	4	3	3	3	5	5	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	4
8	5	4	4	4	4	4	6	8	8	8	6	6	6	6	0.000	5	6	5	4	4	3	2	2	1	5
9	2	2	2	1	1	1	4	8	10	6	2	0	0	1	1	0	1	2	0	0	0	0	0	0	2
10	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25	2	3	3	4	4	4	4	5	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	5	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	3	3	5	5	5	5	4	4	3	3	4	4	3	3	3	3	3	3	3	3	4
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11	1	2	2	2	2	3	4	5	4	3	3	3	3	3	3	2	2	2	2	2	4	2	2	2	3
12	2	1	1	1	1	1	2	2	1	1	0.000	3	1	1	1	1	1	1	1	2	2	3	3	3	1
13	2	2	2	2	2	3	6	5	4	3	2	3	3	3	4	5	7	2	3	2	3	1	1	2	3
14	1	1	1	1	1	4	8	7	5	3	3	4	4	3	3	7	7	5	4	3	3	4	2	2	4
15	3	2	2	1	1	2	3	4	3	3	2	3	3	3	3	3	2	2	4	3	3	3	4	3	3
16	3	2	2	1	1	1	3	2	2	2	1	1	1	1	1	0	0	1	1	2	1	2	2	1	1
17	0	0	1	1	1	1	2	3	2	2	2	2	0.000	4	5	4	4	3	3	2	2	3	3	2	2
18	3	3	3	3	3	4	4	5	7	5	5	5	6	5	5	4	4	4	5	5	4	2	2	2	4
19	4	3	3	2	3	4	6	7	7	6	6	6	0.000	6	9	9	8	6	5	4	5	5	4	4	5
20	4	4	4	3	3	3	8	0.000	7	4	5	5	5	4	4	2	1	0	1	1	2	3	6	5	4
21	4	2	1	2	3	5	7	12	6	3	3	2	2	2	5	7	5	2	1	1	2	2	1	1	3
22	1	1	1	2	1	1	2	1	2	0.000	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	1	1	1	2	1	1	1
24																									
25	2	2	2	2	2	3	4	3	3	2	3	4	5	5	5	7	6	4	3	2	2	2	2	2	3
26	1	1	1	1	1	2	3	4	5	4	2	4	5	0.000	6	8	6	5	5	5	7	10	8	6	4
27	7	7	6	6	7	8	5	7	6	7	5	5	5	5	5	5	5	4	3	4	5	4	3	3	5
28	2	2	2	2	3	4	7	8	0.000	4	4	4	4	4	4	4	4	3	3	2	2	1	1	0	3
29	1	1	1	1	1	1	1	1	2	2	2	3	2	2	3	3	2	2	2	3	6	5	5	5	2
30	5	4	3	3	4	3	3	4	4	4	0.000	3	3	2	2	1	1	1	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	3	4	5	4	3	3	3	3	3	4	4	4	3	3	2	3	3	3	2	3
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	1	1	1	1	1	0 0 0 0	2	1	1	1	1	1	0	1	2	4	5	4	3	2
2	3	3	3	3	3	4	4	4	4	4	3	3	0 0 0 0	3	2	3	4	4	4	3	4	4	5	3	3
3	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	6	5	5	3	0 0 0 0
4	2	1	1	1	1	3	6	6	4	3	3	2	3	3	3	3	3	2	1	3	2	2	3	2	3
5	2	2	2	2	3	3	4	3	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3
6	4	5	5	5	5	5	7	6	6	6	4	4	3	3	3	2	2	2	2	3	3	3	3	2	4
7	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	1	1	1	1	1
8	1	1	2	2	2	5	6	5	3	2	2	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
9	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
10	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
11	0	1	1	2	2	2	3	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
12	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
13	3	3	2	2	3	4	4	4	4	4	4	2	3	2	2	1	2	1	0	1	2	2	2	2	0 0 0 0
14	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
15	3	3	3	3	3	4	4	4	4	4	5	4	5	4	5	3	2	2	2	2	3	3	2	2	0 0 0 0
16	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
17	5	5	5	4	4	5	6	6	6	4	3	3	5	6	5	5	6	6	5	4	4	5	5	5	6
18	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
19	0	0	0	0	1	1	2	2	2	5	4	4	4	4	3	3	3	3	2	3	3	4	3	3	3
20	3	3	3	4	5	5	5	5	5	5	5	5	5	5	4	4	3	3	3	3	3	3	4	4	4
21	4	4	4	4	4	4	4	4	3	4	3	3	3	3	3	3	2	3	3	3	3	5	4	4	4
22	4	3	3	3	3	5	8	8	6	5	5	4	4	0 0 0 0	3	3	3	3	2	2	2	2	1	1	4
23	0	0	1	1	2	2	3	3	3	3	3	3	3	3	3	5	4	4	3	3	3	4	4	2	3
24	1	1	1	2	2	2	3	3	2	2	1	1	1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
25	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
26	1	1	1	1	1	3	6	6	4	3	4	4	5	6	6	3	3	3	2	2	2	2	1	0 0 0 0	
27	5	5	5	4	4	4	5	5	4	4	4	4	4	3	3	2	1	0	0	1	1	2	2	3	4
28	4	3	2	3	3	3	3	3	3	3	3	3	2	1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
29	0	0	0	0	0	2	3	4	4	3	4	5	4	5	4	4	5	3	1	1	2	3	5	3	
30	2	1	1	2	2	3	4	4	3	3	4	0 0 0 0	5	5	3	2	6	6	5	5	4	3	2	3	3
31	2	2	2	2	2	3	3	3	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2
MEAN	2	2	2	2	3	3	4	4	4	4	4	3	3	3	3	3	3	3	2	2	3	3	3	2	2

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	4	2	2	3	0 0 0 0	0 0 0 0	0 0 0 0	2	1	1	1	1	3	3	4	3	2
2	3	3	2	2	2	2	4	3	3	4	4	3	7	6	6	6	6	6	4	5	5	4	4	4	4
3	3	3	2	2	2	2	3	3	4	4	4	3	3	3	2	3	3	2	2	3	4	4	3	3	3
4	2	1	1	1	1	1	2	2	3	3	3	3	2	2	1	2	2	2	3	3	3	3	3	3	2
5	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	2	1	2	2	3	4	4	3
6	3	3	3	3	3	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	6	5	4	4	4	4	7	8	7	7	5	4	3	3	3	4	4	3	3	3	4	5	3	5	5
8	3	2	2	2	3	5	5	8	6	4	4	4	3	3	3	3	3	3	3	3	4	4	4	3	3
9	3	2	2	2	3	5	5	8	6	4	4	4	3	3	3	3	3	3	3	3	4	4	4	3	3
10	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	1	2	2	2	3	3	2	2	2
11	2	2	1	1	2	2	3	2	2	2	2	2	3	2	2	2	2	1	2	3	3	2	1	0	2
12	0	1	1	1	1	4	5	6	5	4	3	2	2	3	4	4	3	2	3	4	3	2	1	1	3
13	2	2	2	3	4	6	9	12	7	3	3	2	1	1	3	2	1	0	0	0	0	0	0	0	3
14	0	0	1	1	2	2	4	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2
15	3	3	3	3	3	4	7	9	7	5	5	4	4	5	5	4	5	5	5	6	6	6	5	5	5
16	4	5	4	6	5	9	14	12	9	5	5	4	5	0 0 0 0	6	5	4	3	4	4	4	4	3	2	5
17	3	2	2	2	3	3	3	4	2	2	1	1	1	2	3	3	3	1	0	1	1	1	1	2	2
18	2	3	3	3	3	3	4	4	3	4	4	4	4	3	3	2	3	3	4	5	5	4	4	3	4
19	3	2	2	2	3	5	6	4	3	3	3	0 0 0 0	0 0 0 0	0 0 0 0	1	0	0	4	3	2	1	2	3	4	3
20	5	4	5	3	3	2	2	1	6	5	4	4	4	3	3	2	2	2	2	2	1	2	2	2	3
21	2	3	3	2	2	3	2	5	9	7	9	7	4	4	3	3	3	3	3	2	2	2	3	3	4
22	3	2	2	2	3	4	4	9	7	4	4	4	4	4	3	2	3	3	3	2	3	3	3	3	3
23	2	2	2	1	1	1	1	2	6	8	6	5	5	4	3	5	4	2	1	0	0	1	1	0	3
24	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	2
25	2	3	2	2	2	2	2	3	3	3	3	3	2	3	2	2	2	2	2	3	4	4	4	2	3
26	1	1	1	1	2	2	5	13	8	6	4	3	4	4	3	4	4	3	3	2	2	3	2	2	3
27	2	2	0	0	0	4	7	6	3	2	2	3	1	1	1	1	1	1	1	1	1	2	3	3	2
28	3	3	3	3	3	4	5	4	4	3	3	0 0 0 0	2	1	1	1	1	0	0	1	2	1	1	1	2
29	0	0	0	0	1	5	6	4	3	3	3	2	3	3	2	4	2	1	2	3	3	3	2	2	2
30	2	2	2	2	2	2	4	4	3	3	2	0 0 0 0	3	1	1	4	4	3	4	3	3	3	2	2	3
31	1	1	1	1	1	1	2	4	4	4	4	4	3	2	2	2	2	2	2	2	3	3	3	5	3
MEAN	2	2	2	2	2	3	4	5	5	4	4	3	3	3	3	3	3	2	2	3	3	3	3	2	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	5	4	4	4	4	4	5	5	5	5
2	5	5	5	5	5	5	6	5	6	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6
3	6	6	6	6	6	8	12	9	9	8	0	3	2	0	0	0	0	0	0	0	0	0	0	0	4
4	1	1	1	1	2	3	4	4	2	2	2	2	2	2	4	3	3	3	2	3	3	3	3	2	2
5	2	2	3	3	3	5	8	8	5	4	4	4	4	4	4	4	3	3	4	5	5	7	4	3	4
6	2	2	1	1	2	3	5	7	7	0	3	1	1	1	2	3	3	2	2	1	1	1	1	1	2
7	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	1	1	1	2	4	1	1
8	3	1	0	0	0	0	0	0	0	2	2	3	3	2	2	2	2	2	1	2	2	2	2	2	1
9	1	2	2	2	2	4	8	8	6	4	4	3	2	0	2	1	2	2	1	2	4	3	1	1	3
10	1	1	1	1	1	2	3	4	7	5	3	3	3	2	2	3	3	3	3	3	1	2	1	1	2
11	1	1	1	1	1	2	5	6	5	4	3	3	0	3	4	4	4	2	3	3	2	2	3	2	3
12	2	2	2	2	2	3	6	5	5	4	4	5	5	4	3	3	3	2	2	2	1	2	2	2	3
13	2	2	1	1	2	2	4	5	3	2	0	2	2	2	2	2	3	3	3	3	3	4	4	3	3
14	3	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	5	6	7	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	3	3	3	3	2	3	3	3	3	4
16	3	3	3	3	4	4	5	5	4	4	4	4	0	2	1	1	2	3	3	3	3	2	2	2	3
17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	3	3	3	4	5	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID	52																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	2	2	2	2	2	3	5	3	2	2	2	2	2	1	1	1	2	3	4	4	3	2	2	0
4	5	4	4	3	3	3	6	9	7	7	5	4	3	2	3	4	4	5	4	3	3	2	2	3	4
5	2	2	2	2	2	1	2	3	4	4	4	0	0	0	0	0	0	0	0	1	1	0	0	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	3	3	3	4	4	4	5	8	9	6	6	7	5	6	6	7	7	6	5	5	4	4	4	3	5
9	3	3	3	3	3	4	6	7	7	6	6	5	6	6	6	8	9	6	4	2	2	2	2	3	5
10	3	3	3	3	3	3	6	9	9	5	4	4	4	5	6	7	8	4	3	3	4	4	3	4	5
11	4	3	3	3	3	4	7	10	9	6	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	1	1	3	4	6	5	4	3	2	2	2	1	3	5	6	4	2	1	1	1	1	1	1	3
17	1	1	1	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
18	2	2	2	3	4	3	2	2	1	1	1	4	4	4	4	4	3	3	3	3	3	3	4	3	3
19	4	4	4	4	5	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	2	2	3	3	3	4	5	5	4	4	3	3	4	4	4	4	4	3	3	2	2	2	3	3
PERCENTAGE OF DATA VALID	36																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
8	4	4	4	4	5	6	5	5	6	19	13	5	5	3	3	2	2	2	6	8	5	5	4	5	0.000
9	5	5	5	4	3	2	2	2	3	5	5	5	4	5	5	4	4	4	4	5	4	4	3	3	4
10	3	3	3	3	2	2	2	1	1	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3	3
11	2	2	1	1	1	1	1	1	3	6	5	5	5	5	5	6	4	6	9	11	5	4	3	3	4
12	2	2	2	2	1	2	2	2	4	4	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	4	3	3	2	2	1	1	1	1	2	3	2	2	2	2	2
14	2	3	2	2	1	1	2	2	3	2	2	2	0.000	1	1	2	2	2	2	1	1	1	1	0	2
15	1	1	0	0	0	0	0	2	2	0.000	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	4	5	5	5	3	3	2	2
17	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	2
18	2	2	2	2	2	2	2	5	10	6	2	2	3	2	2	2	2	3	2	2	4	3	3	3	3
19	4	3	2	2	2	2	2	6	10	8	6	6	6	6	7	7	9	9	6	5	4	4	4	4	5
20	3	2	2	2	2	2	4	7	11	12	7	3	0.000	3	2	2	3	4	2	2	2	2	2	2	4
21	2	2	2	2	2	2	2	2	3	2	2	2	2	0.000	2	2	2	1	1	1	1	2	2	2	2
22	2	2	2	2	2	2	2	3	4	2	2	2	2	2	2	3	7	8	7	7	6	5	6	4	
23	6	5	4	3	3	3	3	5	5	4	4	4	4	4	4	4	5	5	4	4	4	3	3	4	4
24	4	4	3	2	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	2
27	2	2	2	2	2	2	6	9	9	6	3	3	3	3	3	5	6	4	3	4	4	3	3	3	4
28	1	1	1	1	1	1	2	5	3	4	6	6	7	0.000	0.000	7	7	3	2	1	2	2	2	1	3
29	1	1	1	1	1	1	2	3	5	4	2	2	1	2	2	3	2	3	3	4	2	2	2	2	2
30	2	2	2	2	2	2	3	3	3	4	4	3	4	4	4	4	4	4	3	3	2	2	2	2	3
MEAN	2	2	2	2	2	2	3	3	4	5	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	4	3	3	2	2	2	2	2	2	2
2	1	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	2
3	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	4	4	3	2	3	3	4	3	3	3	3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	3	3	3	3	3	3	7	11	8	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	5	4	4	3	4	6	6	7	6	5	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	3	3	2	2	2	2	3	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	4	5	5	4	3	3	0.000	3	3	3	4	3	3	3	2	2	2	2	3
11	2	2	2	2	2	2	5	8	5	4	3	4	5	5	6	7	8	6	5	5	4	4	3	4	4
12	3	3	3	2	2	3	6	8	7	6	4	3	2	2	3	3	3	3	3	3	4	4	2	2	4
13	2	2	2	2	1	2	3	5	6	6	4	3	2	2	3	3	3	3	2	2	2	2	2	2	3
14	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	4	3	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	3	3	5	6	6	5	5	6	7	6	5	4	5	5	6	5	4	4	3	4	4
17	3	3	3	3	3	3	6	8	7	5	5	4	3	3	4	4	4	5	5	3	3	3	3	3	4
18	3	3	3	3	3	3	4	4	4	4	0.000	0.000	0.000	0.000	1	1	2	1	1	1	0	0	0	0	2
19	0	0	0	0	0	0	2	6	4	2	2	2	2	3	3	3	4	6	4	2	2	2	1	1	2
20	1	1	1	1	1	1	1	5	11	7	0.000	0.000	6	6	7	8	8	6	6	5	4	4	4	5	5
21	4	4	4	3	3	3	4	5	7	6	6	5	5	6	6	6	6	5	5	5	5	3	3	3	5
22	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	4	3	3	4	3	3
23	2	2	2	2	2	2	3	5	7	4	4	3	2	2	2	4	4	5	4	3	2	2	2	2	3
24	2	2	2	2	2	2	3	5	4	4	3	3	2	2	2	2	3	3	3	2	2	3	3	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	4	2	2	3	3	2	3	2	3	2	2	3	2	2	2	2
27	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	2
28	1	2	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	3	3	3	3	3	3	2	2
31	2	2	2	2	2	3	4	7	8	7	6	5	4	4	4	3	5	6	6	6	7	4	3	3	4
MEAN	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	4	8	12
FEB	22	2	4	12
MAR	25	1	3	8
APR	27	2	4	9
MAY	14	4	6	11
JUN	21	3	5	12
JUL	30	3	6	12
AUG	31	3	5	14
SEP	17	3	6	12
OCT	15	3	5	10
NOV	24	3	7	19
DEC	31	3	5	11
YEAR	272	3	8	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	59	99	100	28	0	0	286
FEB	226	142	98	3	0	0	469
MAR	311	152	26	0	0	0	489
APR	310	165	92	2	0	0	569
MAY	35	91	169	5	0	0	300
JUN	117	198	153	4	0	0	472
JUL	98	268	177	2	0	0	545
AUG	121	411	190	11	1	0	734
SEP	75	148	152	3	0	0	378
OCT	54	114	97	8	0	0	273
NOV	91	310	138	13	3	0	555
DEC	74	458	197	5	0	0	734
YEAR	1571	2556	1589	84	4	0	5804

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
65	0	0.4	1.1	1.9	2.9	4.8	5.9	7.6	8.6	19	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	- DATA MISSING -	0	0	0	0	0	0	0	0	0	0	0	0.000
3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	3	2	3	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0.000	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												

MEAN 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0

PERCENTAGE OF DATA VALID - 16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2	2	1	1	1	1	1	1	0.000
16	1	1	1	1	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	3	3	3	3	1	2	2	2	2	2	3	2	1	2	2	2	2	2
19	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	0.000	0	0	0	0	0	0	0	0	0	2	2	4	6	7	1
21	1	1	0	1	1	1	3	2	5	2	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0
26	1	0	1	0	0	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	3	3	1
28	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1

MEAN 1 0 0 0 0 0 1 1 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 47

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0
2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0
15	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17																									
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
26	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
28	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0
29	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
8	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	3	1	1	1	1	1
25	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
27	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	1	2	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
31	2	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
6	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
19	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 69

UNITS - PARTS/MILLION

MONTH JUL 74

[illegible]

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

UNITS - PARTS/MILLION

MONTH AUG 74

[illegible]

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	3	3	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1
7	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0
11	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
24	1	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
27	2	2	1	1	1	1	3	2	0	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
28	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	2	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	2	2	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	2	1	1	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
14	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	0	0	0	0	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	3	3	2	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0
22	0	0	0	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0
24	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
29	0	0	0	0	0	0	1	4	3	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
10												- DATA MISSING -													
11												- DATA MISSING -													
12												1	1	0	0	0	0	0	0	0	0	0	0	0	0
13												0	0	0	0	0	1	1	1	1	1	1	1	1	0
14												1	1	1	1	1	1	1	1	1	1	1	1	1	1
15												0	0	0	0	0	0	0	0	0	0	0	0	0	0
16												1	1	1	0	0	0	1	1	1	0	0	0	0	0
17												1	1	0	0	0	1	1	1	1	0	0	0	0	0
18												0	0	0	0	0	0	1	1	0	0	0	0	0	0
19												0	0	0	1	1	1	2	1	1	1	1	0	0	0
20												0	1	0	0	0	0	0	0	0	0	0	0	0	0
21												0	0	0	0	0	0	1	1	0	0	0	1	0	0
22												1	0	1	1	1	3	2	1	2	2	2	1	1	1
23												3	2	3	3	1	3	3	3	3	2	2	1	1	2
24												0	0	0	0	0	0	0	0	0	0	0	0	0	0
25												0	0	0	0	0	0	1	0	0	0	0	0	0	0
26												1	0	0	0	0	0	1	2	1	1	1	0	0	0
27												1	1	1	0	0	1	0	1	1	2	1	0	0	1
28												0	0	0	0	0	0	0	0	0	0	0	0	0	0
29												0	0	0	0	0	1	1	0	0	0	0	0	0	0
30												1	1	1	1	0	0	0	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	5	4	1	0	0	1	2	1
5	1	1	0	0	0	1	1	4	5	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
7	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	3	3	2	2	1	2	1	1	1	1
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1
10	1	1	1	1	1	1	1	1	3	3	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1
11												- DATA MISSING -													
12												0	0	0	0	0	1	1	0	0	0	0	0	0	1
13												0	0	0	0	0	0	0	0	0	0	0	0	0	0
14												0	0	0	0	0	1	1	1	1	1	1	1	1	0
15												0	0	0	0	1	0	0	0	0	0	0	0	0	0
16												1	1	1	1	2	2	2	2	1	1	1	1	1	1
17												2	2	2	2	2	3	3	3	3	2	1	1	1	2
18												0	1	1	1	1	1	1	1	1	1	0	1	1	1
19												1	1	1	1	1	2	2	1	1	1	1	1	1	1
20												1	1	1	1	1	2	3	1	1	1	1	1	1	1
21												0	0	0	1	0	1	2	2	2	1	1	1	1	1
22												0	0	0	0	0	0	1	1	1	1	1	1	1	0
23												1	1	1	1	1	0	0	0	0	0	0	0	0	0
24												0	0	0	0	0	0	0	0	0	0	0	0	0	0
25												0	0	0	0	0	0	0	0	1	1	4	5	10	1
26												0	0	0	0	0	0	0	0	0	0	0	0	0	0
27												0	0	0	0	0	0	0	0	0	0	0	0	0	0
28												0	0	0	0	0	0	0	0	0	0	0	0	0	0
29												1	1	1	1	0	0	0	0	0	0	0	0	0	0
30												0	0	0	0	0	0	0	0	0	0	0	0	0	0
31												- DATA MISSING -													
MEAN	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	0	1	1	1	0

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	6	0	1	3
FEB	14	1	2	7
MAR	30	0	1	2
APR	30	0	1	3
MAY	31	0	1	2
JUN	22	0	0	2
JUL	24	0	1	2
AUG	31	0	0	2
SEP	29	0	1	4
OCT	31	0	1	4
NOV	28	0	2	3
DEC	30	0	2	10
YEAR	306	0	2	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 & OVER	TOTAL
JAN	120	5	0	0	0	0	125
FEB	276	39	4	0	0	0	319
MAR	676	3	0	0	0	0	679
APR	652	9	0	0	0	0	661
MAY	717	6	0	0	0	0	723
JUN	502	1	0	0	0	0	503
JUL	575	1	0	0	0	0	576
AUG	717	1	0	0	0	0	718
SEP	650	16	1	0	0	0	667
OCT	723	16	1	0	0	0	740
NOV	630	26	0	0	0	0	656
DEC	637	48	7	1	0	0	693
YEAR	6875	171	13	1	0	0	7060

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.1	0.3	0.5	0.7	0.9	1.0	1.3	1.9	10	0.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JAN 74

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7															20	19	27	18	15	15	15	15	17	20	15.5
8	17	20	21	17	18	19	31	40	45	32	21	20	23	23	22	19	17	15	15	15	14	15	16	16	21
9	15	15	15	17	17	19	20	19	21	21	21	23	25	25	25	25	25	24	25	22	21	19	19	18	21
10	16	16	17	16	17	18	21	21	24	23	26	27	30	30	30	27	27	27	23	22	21	20	19	18	22
11	18	18	18	16	17	17	19	21	25	24	22	21	21	21	20	21	21	20	17	17	17	17	17	19	19
12	23	24	21	16	13	13	13	12	13	13	17	21	23	25	24	21	17	16	16	16	16	15	15	18	18
13	17	15	14	13	16	19	17	15	14	14	13	14	14	15	12	11	10	11	11	12	11	11	10	10	13
14	11	11	10	10	10	11	12	15	15	17	17	18	19	20	18	17	18	17	17	17	21	22	19	26	16
15	17	19	17	17	16	16	17	18	20	19	19	19	21	21	21	21	24	23	22	23	22	21	22	28	20
16	21	20	19	19	19	19	19	19	23	22	21	24	27	27	27	27	37	31	35	33	31	35	35	31	26
17												26	22	14	14	13	13	15	13	11	10	10	11	12	12
18	13	13	12	11	11	12	13	15	17	19	18	17	17	18	18	19	23	20	19	20	21	32	30	23	18
19	19	15	13	12	12	12	13	13	15	13	14	12	13	17	18	17	16	15	14	13	13	12	12	12	14
20	11	11	9	10	11	11	11	11	11	13	14	14	15	17	19	24	19	16	15	13	10	8	7	7	13
21	7	7	7	7	8	12	15	17	17	14	13	13	13	12	12	13	14	13	13	12	12	12	11	14	12
22	13	13	13	13	13	15	18	19	21	22	19	15	15	17	15	17	19	17	14	15	13	15	17	21	16
23	27	15	12	12	11	11	12	15	15	15	15	14	13	13	14	14	17	16	15	17	17	15	13	15	15
24	13	11	10	9	9	9	11	15	14	13	14	18	20	20	19	17	22	17	17	16	14	13	13	16	15
25	12	13	13	13	14	15	15	14	15	15	17	19	21	21	20	19	21	19	21	21	19	15	13	14	17
26	15	19	17	17	16	13	13	16	19	17	17	19	19	15	14	14	15	18	17	13	11	9	10	7	15
27	7	7	7	7	8	8	8	9	11	11	11	11	12	12	14	13	13	13	12	11	11	12	11	11	10
28	11	11	13	12	11	11	14	15	17	14	14	15	15	17	15	18	21	21	20	23	18	16	13	13	15
29	13	13	12	12	12	13	13	17	19	13	12	15	15	13	14	14	19	20	21	16	16	14	12	15	15
30	13	9	8	8	8	9	11	11	14	14	19	19	19	18	21	20	19	22	20	18	15	15	15	15	15
31	14	13	10	9	9	11	12	10	11	12	11	11	13	13	13	14	17	14	13	13	11	9	10	10	12
MEAN	15	14	13	13	13	14	15	16	18	17	17	18	18	19	18	18	20	18	18	17	16	16	16	16	16

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	10	10	10	11	11	14	16	16	16	19	17	13	14	15	15	13	11	11	11	11	11	13
2	9	9	8	8	8	9	9	9	9	16	16	16	19	19	19	19	19	19	19	19	19	19	19	19	19
3	DATA MISSING																								
4																									
5	17	17	16	16	17	21	19	21	18	19	19	19	19	21	20	21	21	19	18	16	15	17	18	19	18
6	14	14	13	13	12	12	12	13	13	14	14	15	15	15	15	15	15	15	14	13	13	13	11	11	13
7	12	13	13	13	13	13	14	14	16	17	18	21	30	27	26	24	23	21	20	22	19	17	17	17	18
8	17	15	17	15	16	15	16	30	19	18	18	17	17	15	19	19	18	15	14	13	12	13	13	14	16
9	11	10	10	10	10	10	11	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
10	21	15	14	15	11	10	10	11	9	9	7	5	7	11	12	10	7	9	7	7	9	10	9	10	10
11	10	11	11	11	11	11	14	16	16	19	23	19	15	12	9	12	11	10	11	12	12	13	13	13	13
12	13	14	15	21	15	15	19	22	26	25	19	18	19	19	21	21	23	24	21	23	20	22	27	20	20
13	21	21	17	17	15	17	21	29	25	22	21	25	23	25	19	18	18	16	14	13	13	13	13	13	19
14	11	13	13	14	13	14	15	16	17	17	20	22	25	25	21	18	16	15	15	15	14	13	12	13	16
15	13	13	13	14	16	16	16	17	15	15	25	24	25	25	21	19	21	18	16	16	14	14	14	13	17
16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
17	11	11	11	13	12	13	11	11	11	11	13	13	13	14	15	15	15	14	13	15	18	27	24	19	14
18	13	12	11	12	11	11	12	13	15	10	9	9	9	9	9	11	15	9	8	8	8	9	9	9	10
19	9	10	9	9	9	9	10	11	18	13	13	20	19	30	21	27	23	21	14	14	13	14	14	15	15
20	13	13	13	14	15	15	17	21	23	28	29	28	25	25	25	21	19	17	23	31	24	23	21	26	21
21	26	20	17	14	14	15	15	17	18	17	18	19	19	19	17	16	18	16	15	12	12	12	12	12	16
22	11	9	9	10	11	11	12	9	9	11	11	9	8	9	8	9	10	9	7	6	6	6	5	9	9
23	5	5	5	6	7	7	8	9	9	9	12	13	13	13	11	11	10	10	10	10	9	8	7	9	9
24	7	7	7	6	7	7	7	8	8	10	13	15	17	16	14	13	11	10	10	9	8	8	7	10	10
25	7	5	5	5	6	7	9	9	12	13	14	15	17	17	19	18	16	15	15	17	15	15	13	12	12
26	12	13	12	12	15	19	21	23	21	24	35	49	27	20	17	15	16	14	13	14	11	9	8	10	18
27	10	10	11	10	7	6	6	8	10	11	11	12	13	14	14	13	13	12	17	16	17	14	13	12	12
28	12	13	13	12	9	9	10	13	13	12	13	11	14	15	14	15	16	13	11	13	11	9	9	9	12
MEAN	13	12	12	12	12	12	13	15	15	16	17	18	18	18	17	16	16	15	14	14	13	13	13	13	14

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	9	9	10	11	12	12	12	11	15	14	17	17	17	20	18	13	11	9	9	9	9	12
2	9	9	8	6	6	6	7	10	11	11	11	20	17	22	18	18	17	17	22	17	18	15	12	11	13
3	11	9	7	6	5	5	5	5	5	5	5	6	6	7	7	7	7	7	7	7	7	7	7	8	7
4	8	8	8	10	15	17	15	18	15	15	14	22	14	10	10	10	10	9	9	7	5	6	10	13	12
5	9	7	7	7	7	7	7	8	12	21	17	17	13	12	11	11	10	10	10	20	17	17	15	15	12
6	15	17	19	20	21	18	19	15	15	18	19	17	14	14	13	15	17	16	19	19	19	17	18	18	17
7	18	20	21	18	20	21	23	26	30	19	17	15	15	14	14	14	14	13	13	13	15	15	15	17	18
8	17	17	17	15	16	16	15	15	15	15	14	12	12	12	12	12	12	12	12	12	12	13	13	14	14
9	15	15	15	16	15	15	15	17	19	17	17	17	25	27	19	21	26	27	27	26	21	19	17	17	19
10	15	15	15	17	17	19	17	17	15	17	19	21	22	21	21	21	21	20	20	20	20	20	20	21	19
11	19	18	19	21	21	21	18	17	17	17	18	16	15	15	15	16	15	15	15	14	15	15	15	15	17
12	15	15	15	16	16	16	15	15	15	15	18	18	16	16	15	13	13	13	13	13	13	13	13	13	15
13	14	14	15	15	15	16	16	16	16	17	17	17	15	15	14	14	14	14	14	15	15	15	14	14	15
14	15	13	16	16	18	19	21	23	23	23	23	23	23	23	23	18	18	14	14	13	13	13	13	13	18
15	13	13	13	13	13	16	16	19	19	15	15	12	12	12	8	10	10	10	12	13	13	13	12	12	13
16	13	13	13	16	19	16	16	16	16	16	15	14	13	13	13	13	13	13	13	13	15	15	15	17	15
17	16	16	15	15	14	14	14	14	13	13	14	16	16	18	17	15	13	13	13	13	13	13	13	13	14
18	13	13	13	13	15	17	17	17	15	15	15	14	13	13	13	13	13	13	13	13	12	13	13	15	14
19	15	15	15	14	14	14	13	15	15	14	13	13	13	13	13	12	13	14	14	14	14	14	14	14	14
20	14	16	16	18	18	18	20	21	23	25	19	15	14	13	14	12	15	15	14	17	16	15	16	15	17
21	14	14	14	14	15	15	17	20	18	18	17	14	13	13	13	13	13	13	12	13	14	14	14	14	15
22	13	13	15	14	15	15	15	15	17	16	17	17	17	17	15	15	14	15	15	15	15	14	14	15	15
23	15	13	13	15	15	15	15	15	15	15	15	16	16	16	16	16	17	18	18	17	17	16	16	16	16
24	15	15	15	15	15	17	17	19	17	17	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	18	18	18	18	19	19	20	20	19	18	18	18	18	18	17	19	18	19	19	19	20	19	19	19	19
26	19	21	19	19	19	19	22	21	19	20	20	19	19	19	20	20	22	21	21	21	22	22	23	20	20
27	21	21	23	23	23	24	25	25	24	24	23	21	17	16	16	18	17	19	18	17	13	13	13	13	19
28	13	13	13	14	14	15	14	13	13	14	14	13	13	13	13	13	15	14	12	11	12	13	13	13	13
29	13	13	13	13	13	15	15	15	16	16	16	16	17	21	25	20	24	17	16	16	16	17	16	17	17
30	16	17	17	17	17	16	16	16	17	19	19	17	17	17	20	23	23	23	23	20	19	19	18	17	19
31	17	17	16	16	15	16	17	17	17	19	19	19	21	21	21	21	21	21	23	23	23	23	23	27	20
MEAN	14	14	15	15	15	16	16	16	17	17	16	16	16	16	16	15	16	16	16	15	15	15	15	15	16

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	21	21	20	19	19	21	21	21	19	19	19	18	18	19	19	19	19	21	21	23	20	
2	24	25	23	21	21	21	20	20	21	21	17	19	19	20	19	18	16	15	15	17	17	18	15	21	19
3	18	17	16	17	18	17	17	19	21	17	16	17	20	20	17	15	17	15	14	14	14	14	15	13	17
4	13	11	13	13	14	15	18	17	18	18	17	18	18	18	17	16	16	15	15	15	16	15	15	15	16
5	14	16	17	16	16	16	15	17	16	17	14	17	17	17	16	16	19	20	18	17	17	17	18	19	17
6	18	18	17	15	15	15	17	17	18	19	18	18	19	19	19	19	18	18	19	20	25	22	21	18	18
7	16	16	16	15	15	15	15	15	15	15	17	17	18	17	17	17	18	19	19	19	17	17	17	17	17
8	17	17	17	17	17	17	17	17	18	19	17	19	19	19	19	17	17	19	17	18	17	17	17	17	17
9	16	17	17	19	19	19	21	21	20	19	20	19	18	18	18	18	18	18	19	19	21	23	21	19	19
10	25	31	33	33	43	46	44	40	37	31	26	25	25	24	21	17	17	15	13	12	13	17	19	19	26
11	23	33	38	38	37	29	25	27	29	31	28	27	21	23	24	25	23	25	25	26	32	37	39	40	29
12	46	47	38	41	38	33	29	24	24	20	17	17	17	19	19	15	15	18	21	21	21	18	19	23	25
13	27	25	24	26	29	35	37	30	29	31	30	30	32	35	35	31	32	33	33	40	44	50	49	46	34
14	43	33	30	33	33	31	30	27	20	19	17	19	21	22	21	20	19	19	17	16	14	14	14	14	23
15	11	11	14	17	17	17	21	21	21	22	22	20	19	19	19	19	20	24	27	33	38	51	57	35	24
16	19	20	27	44	54	49	43	39	39	36	21	11	7	6	6	3	2	1	6	10	10	15	23	31	22
17	35	50	66	70	57	36	43	38	36	22	14	13	13	13	15	13	11	11	9	10	11	15	17	22	27
18	29	33	32	33	35	31	20	15	15	14	13	19	24	24	24	25	24	24	24	24	24	24	23	22	24
19	33	53	60	61	61	35	25	26	30	19	18	17	17	17	17	16	18	19	24	40	39	39	41	44	32
20	53	54	50	51	53	54	55	34	15	11	10	9	9	12	16	16	15	14	15	20	21	18	19	21	27
21	24	30	33	29	22	17	11	7	7	6	5	4	1	9	11	11	11	11	11	11	12	12	11	11	13
22	9	10	11	12	11	10	7	4	17	17	17	21	25	25	25	23	19	18	17	16	14	13	13	13	15
23	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	13	14	13	14	13	14	14	14	15	13
24	15	15	14	15	15	15	14	15	16	17	17	15	15	15	15	14	15	14	13	13	13	13	16	18	15
25	23	30	31	33	31	25	28	22	17	15	14	14	13	13	14	14	15	17	20	21	19	20	23	26	21
26	31	55	67	53	57	52	67	43	42	29	27	25	23	26	24	23	23	21	21	25	29	28	30	31	36
27	31	27	28	28	29	29	25	19	17	18	19	21	22	22	23	23	22	21	23	23	22	21	21	19	23
28	23	26	21	21	22	22	21	18	21	24	27	28	27	25	25	23	22	21	21	21	21	21	21	21	23
29	18	20	19	15	14	15	15	16	13	14	15	15	16	16	17	17	17	16	16	16	16	17	17	19	16
30	15	13	19	21	17	13	14	14	13	13	13	13	12	12	12	12	12	11	11	10	10	8	7	7	13
MEAN	24	26	28	28	28	25	25	22	21	20	18	18	18	19	18	18	18	17	18	19	20	21	22	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	7	6	6	7	8	9	9	7	9	9	9	10	9	7	7	6	5	5	5	7	9	7	
2	7	7	7	8	9	8	9	10	7	7	7	7	8	9	9	9	9	9	11	11	9	9	9	9	
3	8	9	9	8	11	12	13	12	11	13	13	10	12	15	15	15	15	13	17	15	15	15	14	14	13
4	13	13	13	13	12	14	13	13	14	15	15	15	15	15	15	15	15	16	15	15	15	15	14	14	14
5	13	13	13	13	14	15	14	14	18	18	17	17	17	15	15	14	14	14	15	15	15	15	15	17	15
6	19	25	13	12	12	13	13	14	13	13	15	15	16	17	17	17	17	16	16	16	16	17	17	17	16
7	17	17	17	17	17	19	20	21	20	17	16	15	15	15	15	15	15	15	17	17	18	17	15	15	17
8	15	13	13	13	15	15	14	12	17	16	16	16	16	17	17	17	16	16	16	16	17	17	16	16	16
9	16	17	17	17	17	17	19	19	18	18	18	17	17	18	17	18	20	19	17	18	20	19	19	19	18
10	19	18	21	23	29	33	33	29	23	23	23	21	20	19	17	17	17	17	17	17	16	17	17	17	21
11	16	15	14	14	15	14	15	15	15	20	17	19	21	20	20	19	20	18	21	19	20	18	17	17	17
12	21	23	17	17	19	19	19	19	15	15	16	15	15	15	15	13	13	13	12	12	11	11	11	11	15
13	11	11	12	12	13	14	13	13	13	13	14	14	15	15	16	15	16	17	17	17	16	17	15	15	14
14	13	13	15	15	13	13	13	15	14	17	17	17	20	22	21	22	21	21	22	23	21	19	18	17	18
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17	15	15	15	16	17	20	21	23	22	27	23	22	24	23	24	23	24	22	23	25	26	27	26	25	22
18	26	26	25	23	23	23	21	21	23	25	28	29	29	29	29	29	30	27	27	26	25	26	25	26	26
19	24	23	23	23	23	23	23	23	23	24	25	27	28	30	29	28	27	26	26	27	27	27	25	24	25
20	27	26	25	27	25	23	21	21	22	25	25	28	29	29	25	22	21	20	19	19	17	15	15	23	
21	14	13	14	15	15	15	18	17	21	23	28	29	33	27	28	24	23	23	24	25	24	19	20	21	
22	29	27	77	76	39	55	51	44	29	19	18	19	18	17	17	17	17	16	17	17	17	16	14	28	
23	15	15	14	14	18	19	15	14	13	13	15	16	17	17	17	17	17	16	17	17	16	16	16	16	
24	13	13	13	14	13	13	13	13	12	12	12	12	11	11	12	12	11	11	11	11	11	11	10	12	
25	9	9	9	9	11	11	11	10	11	12	13	12	13	14	15	15	16	17	17	17	17	17	19	13	
26	27	27	23	21	16	16	16	16	15	17	19	19	19	19	21	21	21	21	21	21	21	20	19	20	
27	17	15	16	20	24	23	22	16	13	15	16	17	17	17	17	17	16	17	18	19	25	33	34	19	
28	25	27	24	23	31	29	37	27	17	15	17	16	17	17	19	17	17	17	18	22	21	21	21	20	21
29	20	22	23	23	22	21	21	22	21	21	22	22	22	20	19	20	20	19	21	21	21	22	21	21	21
30	22	23	25	29	27	27	27	28	24	23	24	24	21	22	20	19	19	20	22	25	25	23	23	27	24
31	23	19	17	18	19	19	17	19	17	17	17	17	18	19	19	21	21	25	25	24	27	29	26	25	21
MEAN	17	17	18	18	18	19	19	18	17	17	17	18	18	19	18	18	18	17	18	18	18	19	18	18	18

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	27	33	36	33	35	35	34	33	27	20	20	22	23	23	23	23	24	23	26	25	24	30	27	
2	35	36	37	35	34	37	33	30	30	26	27	27	27	27	28	27	27	28	29	27	28	27	26	24	30
3	26	25	21	21	21	25	29	29	27	22	21	21	33	49	19	21	20	21	21	22	25	25	24	23	25
4	21	21	20	21	21	23	21	27	27	23	21	20	21	21	23	21	21	21	22	23	24	25	25	25	22
5	24	23	21	21	22	21	25	23	14	16	17	17	17	17	17	18	21	23	25	27	27	27	27	27	22
6	26	24	22	21	21	21	21	21	20	19	20	21	21	21	21	21	21	22	25	26	27	27	27	26	23
7	23	21	20	19	19	19	19	19	18	17	15	15	15	15	17	17	18	20	22	23	23	23	23	25	19
8	25	25	25	23	23	23	26	25	21	23	23	23	25	26	26	26	25	25	25	23	23	23	23	24	24
9	24	22	23	23	21	19	19	18	19	18	20	21	23	23	24	24	23	23	23	23	25	24	21	21	22
10	18	15	14	14	15	16	15	17	16	17	17	18	18	19	18	17	17	19	19	20	21	21	20	19	18
11	19	19	19	19	19	17	17	19	19	19	19	19	19	19	19	21	21	21	19	22	23	25	24	27	20
12	25	23	21	23	24	25	25	25	24	23	23	22	22	22	22	23	23	24	26	27	29	33	40	41	26
13	44	35	28	26	26	27	29	29	23	21	20	19	17	18	18	18	17	19	21	23	23	29	30	32	25
14	23	23	22	23	23	22	21	23	19	19	18	18	17	17	17	17	17	18	19	19	19	19	19	19	20
15	20	20	18	18	17	17	19	18	18	18	19	19	19	22	21	19	19	19	19	19	19	21	21	21	19
16	22	22	21	21	20	19	19	19	21	21	17	17	17	17	17	16	16	15	15	15	15	16	17	17	18
17	16	14	14	17	17	17	17	17	15	15	15	15	16	16	23	18	18	18	18	17	16	16	17	18	17
18	17	17	17	17	16	17	18	23	20	19	19	18	17	16	18	18	20	21	26	27	30	32	29	25	21
19	21	18	17	17	18	19	19	22	20	24	20	21	19	19	20	20	18	19	24	28	27	25	29	29	21
20	29	26	23	24	27	30	31	31	32	27	29	28	24	22	19	19	19	21	23	23	23	23	23	23	25
21	23	23	21	17	17	19	20	19	19	17	19	20	19	22	20	19	22	20	20	20	20	20	20	20	20
22	DATA MISSING - DATA MISSING -																							20	
23	DATA MISSING - DATA MISSING -																							20	
24	DATA MISSING - DATA MISSING -																							20	
25	16	15	15	15	15	17	19	19	16	13	19	13	13	13	13	15	12	15	17	19	22	22	23	21	17
26	20	20	20	20	19	17	16	19	19	19	16	15	15	15	17	18	17	17	19	22	28	33	34	39	21
27	42	43	46	43	34	29	27	23	21	22	22	20	19	18	19	19	17	19	22	25	28	29	29	34	27
28	32	34	35	29	27	23	20	23	17	17	19	17	17	17	17	15	16	19	23	25	29	25	18	18	22
29	19	21	21	20	27	27	25	24	22	25	25	27	30	31	31	31	31	31	31	31	33	38	29	25	26
30	23	21	20	20	21	19	20	20	19	19	20	22	23	26	27	29	30	31	31	31	31	31	32	33	25
MEAN	24	23	23	22	22	22	22	23	21	20	20	20	20	21	20	20	20	21	22	23	25	25	25	25	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	38	35	30	27	27	29	25	25	27	29	32	34	37	36	36	36	37	38	42	56	51	41	34	35
2	29	17	11	10	10	11	11	11	11	12	15	19	17	15	15	15	17	21	27	33	36	39	40	41	35
3	25	19	16	13	13	15	16	16	17	17	17	17	15	15	14	13	14	13	15	21	24	27	28	25	25
4	25	19	16	13	13	15	16	16	17	17	17	17	15	15	14	13	14	13	15	21	24	27	28	25	25
5	23	17	14	14	13	15	15	16	16	15	17	17	16	18	19	14	13	14	17	20	21	22	24	28	16
6	31	31	40	45	46	43	35	23	23	27	25	23	23	23	23	29	29	29	29	22	22	24	28	30	31
7	18	14	14	20	25	37	37	35	27	26	23	22	23	18	17	24	33	41	45	45	49	45	44	30	30
8	18	14	14	20	25	37	37	35	27	26	23	22	23	18	17	24	33	41	45	45	49	45	44	30	30
9	38	35	43	39	39	41	39	21	17	14	14	13	13	11	12	12	11	21	26	29	34	39	38	35	26
10	27	22	19	16	15	20	17	25	19	17	14	14	14	14	17	32	27	27	34	40	39	37	35	34	24
11	33	32	32	32	31	28	27	30	33	38	39	39	37	40	31	26	23	23	28	29	29	29	29	30	31
12	29	29	29	29	29	27	29	31	35	38	40	33	30	30	27	21	24	26	28	31	33	33	32	32	30
13	31	29	32	39	43	51	46	34	28	23	22	22	25	31	34	35	39	40	43	47	49	49	51	51	37
14	50	48	48	49	48	48	47	49	52	59	66	70	74	78	77	78	79	80	79	78	78	85	83	61	65
15	43	25	18	13	10	9	12	13	15	12	11	11	11	11	11	11	13	15	19	20	20	21	20	16	
16	17	15	15	15	14	17	19	17	17	17	18	18	18	18	18	18	18	21	24	25	27	27	28	28	
17	28	28	28	28	35	33	33	27	17	17	17	18	18	17	17	17	17	19	23	23	23	23	23	23	23
18	24	21	19	16	15	12	12	12	14	12	12	12	13	13	13	11	11	17	23	25	27	28	28	28	27
19	23	19	17	16	16	15	15	15	15	15	21	18	18	18	18	18	18	23	31	34	37	39	41	43	23
20	43	43	45	45	45	45	45	47	50	55	55	49	48	48	45	43	41	39	39	37	33	33	33	33	43
21	33	33	31	31	31	31	31	29	29	29	31	33	33	36	36	33	33	33	33	33	31	34	31	30	32
22	28	18	18	18	19	19	19	21	27	20	17	18	24	23	19	19	21	19	17	17	17	17	17	17	20
23	17	16	16	15	13	13	14	17	18	18	18	18	17	17	17	17	15	16	17	19	21	22	27	24	18
24	26	24	20	20	18	22	22	26	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	30	26	25	25	25	26	26	25	23	24	25	25	25	26	25	25	25	27	30	32	33	35	35	33	27

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	23	23	23	23	23	27	29	24	17	15	15	15	15	15	15	15	18	19	19	22	24	27	28	21
2	24	25	24	25	25	21	21	19	15	15	14	13	13	15	15	15	15	17	21	24	24	25	25	24	20
3	23	21	20	20	20	21	21	21	20	21	22	24	27	29	30	31	31	31	29	23	21	21	21	21	24
4	24	27	29	29	35	37	39	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
5	17	16	16	15	14	14	15	16	16	17	18	19	14	13	9	9	10	11	13	15	19	20	19	17	15
6	17	16	15	15	16	17	17	17	19	21	15	16	15	14	13	12	11	14	17	19	18	17	17	18	15
7	20	23	25	25	22	21	17	15	15	15	14	15	14	14	13	15	13	13	14	18	17	19	28	23	16
8	21	17	15	15	14	15	13	13	12	12	12	13	14	15	17	19	19	19	19	19	18	18	17	16	16
9	17	18	17	17	17	17	16	15	13	12	12	12	11	11	9	8	8	8	7	7	8	8	8	10	12
10	8	9	10	11	11	12	12	13	13	13	17	18	17	19	19	17	17	16	17	18	25	20	21	25	16
11	22	25	20	20	20	20	20	23	21	25	24	23	21	21	18	19	19	18	17	17	20	23	20	19	21
12	19	19	19	19	19	21	23	24	25	23	20	22	21	21	27	20	19	18	19	19	19	19	19	19	21
13	23	25	25	28	27	28	33	34	28	27	25	24	24	24	24	18	29	42	27	20	20	20	21	26	21
14	23	24	23	22	23	26	28	29	27	21	20	18	15	19	19	17	17	17	17	25	22	19	19	17	21
15	20	25	23	20	20	20	19	19	18	25	21	24	25	23	30	30	30	30	30	30	30	30	30	30	23
16																									
17																									
18																									
19																									
20	17	14	16	19	17	21	27	38	31	25	25	21	17	17	18	18	17	17	15	17	17	15	15	15	20
21	15	16	17	17	18	22	31	43	36	23	21	21	21	21	21	22	19	18	16	17	17	17	17	17	21
22	17	17	17	17	16	17	21	22	20	20	19	18	17	19	16	16	15	14	14	15	16	15	15	18	17
23	16	21	18	19	19	21	27	25	23	21	22	17	17	17	17	20	18	17	13	15	15	20	18	15	19
24	17	19	18	17	15	15	17	17	17	17	19	21	20	20	20	22	21	21	21	19	21	25	28	29	20
25	27	25	24	24	25	26	26	28	25	25	25	25	27	31	31	29	27	27	32	27	25	23	21	19	26
26	17	17	20	22	22	31	41	31	26	24	23	23	21	18	16	17	17	18	17	20	21	18	16	17	21
27	19	19	21	18	17	18	21	22	24	25	21	16	16	14	17	18	17	17	16	17	20	21	20	18	19
28	20	19	23	24	23	21	25	29	27	24	21	21	21	19	21	20	19	17	17	16	15	15	15	17	20
29	19	20	20	21	19	23	26	31	22	19	15	19	21	19	19	19	20	19	16	17	17	19	22	22	20
30	27	26	23	22	25	26	25	26	25	23	23	23	21	20	19	19	14	17	21	27	24	21	22	22	23
31	23	23	25	24	23	25	25	25	28	24	18	15	19	20	21	20	19	19	19	21	21	23	23	25	22
MEAN	20	20	20	20	20	21	23	24	22	21	19	19	18	19	19	18	17	18	19	19	19	20	20	20	20

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	23	23	23	23	23	23	27	27	28	29	29	29	30	31	32	31	27	25	24	23	25	24	23	23	26	
2	25	25	25	27	29	29	30	31	25	21	19	17	18	16	16	17	15	17	16	17	17	17	18	19	21	
3	17	17	17	17	20	18	21	21	23	22	22	13	13	13	13	13	13	13	14	15	19	19	19	19	17	
4	20	19	20	25	29	33	31	35	25	17	14	13	13	13	14	15	13	13	16	17	21	28	36	38	22	
5	38	43	70	56	45	35	38	42	33	29	19	21	21	20	17	17	14	13	15	17	21	27	22	27	29	
6	32	29	27	28	28	28	31	34	24	21	17	15	15	15	15	17	15	13	15	17	21	21	21	20	22	
7	21	22	29	29	25	28	27	31	28	26	18	17	17	19	20	19	18	18	18	20	20	20	19	21	22	
8	21	21	22	23	29	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
9	23	24	25	31	25	21	27	35	26	25	21	21	21	19	18	20	18	18	19	19	23	20	21	19	23	
10	23	24	31	33	47	43	35	34	23	15	13	13	10	10	11	11	11	11	11	11	13	12	12	13	20	
11	15	14	16	17	14	14	11	15	14	14	14	16	21	20	16	15	14	14	14	14	13	13	13	11	15	
12	11	10	9	10	13	11	12	13	17	20	19	19	19	19	19	19	17	13	15	18	15	15	15	15	14	
13	3	3	3	3	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	18	18	18	18	18	18	18	18	18	18	18	18	23	23	23	23	25	25	25	28	28	28	28	28	22	
15	29	31	26	26	25	20	20	21	21	23	23	23	27	27	27	27	23	21	19	19	19	19	19	19	23	
16	19	19	19	19	19	19	19	23	25	25	25	22	22	20	20	20	16	16	17	19	19	19	19	19	20	
17	23	18	18	19	24	17	17	16	17	17	17	17	15	17	17	18	16	16	16	16	16	15	15	13	17	
18	12	12	11	11	11	11	11	13	13	13	15	13	14	15	15	15	15	15	15	15	15	13	13	13	13	
19	13	13	11	13	17	28	35	31	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
20	- DATA MISSING -																									
21	- DATA MISSING -																									
22	- DATA MISSING -																									
23	- DATA MISSING -																									
24	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
25	17	17	17	17	17	17	17	17	17	17	17	18	20	20	20	20	20	20	20	23	27	25	22	23	23	20
26	23	27	33	36	33	30	33	35	19	19	19	19	23	24	24	24	24	24	24	25	26	23	21	21	21	25
27	21	17	17	16	18	18	18	20	19	17	18	21	21	19	17	17	17	19	19	19	19	17	17	16	18	
28	15	15	15	15	17	17	17	15	15	14	14	14	14	14	12	12	14	14	14	14	14	14	14	14	14	
29	14	14	13	12	12	12	12	12	12	12	12	14	16	16	16	17	17	18	18	18	18	18	18	18	15	
30	18	18	18	21	15	14	17	28	18	16	15	15	13	13	13	13	14	14	16	17	17	17	18	18	17	
MEAN	20	20	21	23	23	22	22	24	21	20	18	17	18	18	18	18	17	17	18	18	19	19	19	20	20	

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	17	17	15	15	17	17	17	16	16	16	16	18	19	19	19	19	19	19	19	19	18	18	18
2	16	16	16	16	16	17	17	17	17	17	17	19	19	19	19	19	19	19	19	20	21	22	21	21	18
3	21	21	21	23	23	21	21	21	21	15	17	17	17	17	16	16	12	12	13	13	13	13	13	13	17
4	10	11	9	9	9	9	12	17	14	11	7	8	14	14	14	17	15	15	14	14	14	14	14	14	12
5	15	15	13	13	13	13	13	13	13	13	13	13	13	16	16	19	19	21	19	21	21	21	25	25	17
6	23	20	19	17	18	16	17	17	15	17	17	20	20	21	21	21	21	21	21	20	20	20	20	20	19
7	13	13	13	12	12	12	14	15	15	17	15	15	15	15	13	14	13	14	13	14	16	17	16	16	14
8	19	19	16	17	19	21	33	47	47	26	17	15	15	15	17	17	17	14	14	15	15	15	17	13	20
9	13	11	11	10	10	14	17	25	18	18	18	19	19	15	15	13	13	13	15	15	19	26	35	32	17
10	21	21	24	16	16	15	17	21	20	21	21	27	27	30	29	29	25	25	27	31	36	43	42	39	26
11	38	35	33	32	27	32	31	33	30	29	28	21	21	17	13	11	11	14	17	20	27	19	19	16	24
12	13	13	12	12	11	11	11	12	12	13	19	16	16	13	11	11	9	17	17	17	17	17	17	17	14
13	17	17	13	13	13	13	13	13	13	13	13	13	12	12	11	11	9	9	9	9	9	9	8	8	12
14	7	7	7	7	7	7	7	7	7	9	7	6	5	8	8	8	9	9	9	9	9	9	9	8	8
15	7	4	4	4	4	4	7	11	17	19	19	19	19	19	19	19	18	21	22	17	16	16	16	16	14
16	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	9
17	7	5	7	10	5	5	6	10	13	15	13	13	13	13	12	9	9	7	7	7	7	7	7	7	9
18	7	7	6	6	7	9	10	11	12	17	16	19	15	15	15	15	15	17	15	15	16	15	17	17	13
19	21	21	21	21	21	21	23	21	18	15	17	19	21	21	21	21	19	19	17	17	16	15	16	15	19
20	15	15	14	14	15	15	16	16	16	15	16	16	15	15	15	15	15	16	16	17	17	18	18	17	16
21	31	37	37	34	33	36	51	63	37	24	22	20	20	20	19	16	14	15	18	15	13	14	15	13	26
22	13	13	13	13	12	14	13	13	15	14	14	13	12	21	19	15	12	12	13	12	13	15	16	14	14
23	12	13	15	15	15	18	27	38	19	13	11	11	14	15	15	15	17	19	17	14	15	13	13	16	16
24	15	19	18	19	19	21	24	30	25	17	12	12	12	13	13	14	12	13	18	19	15	13	13	14	17
25	13	12	11	10	10	13	15	15	14	13	13	11	11	10	10	11	12	14	17	16	19	18	17	17	13
26	17	17	19	21	21	23	27	25	32	27	20	21	23	26	26	25	22	21	23	22	21	21	21	21	23
27	22	23	25	23	21	21	21	19	21	24	27	31	34	33	32	30	31	31	38	33	31	31	35	35	28
28	31	23	21	24	21	23	29	35	21	20	20	18	18	19	19	18	17	17	19	19	17	16	17	19	21
29	19	21	21	17	15	14	17	19	32	25	17	18	17	23	17	18	17	15	15	17	17	16	15	13	18
30	11	12	11	9	9	10	11	14	17	15	15	15	15	15	15	15	17	18	18	19	17	15	13	14	14
31	14	17	13	12	13	13	13	15	19	15	15	15	15	15	14	13	15	16	17	18	16	15	17	15	15
MEAN	17	17	16	16	15	16	18	21	20	18	17	17	17	17	17	16	16	16	17	17	17	17	18	17	18

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	18	17	15	15	15	15	13	14	16	17	18	16	18	19	20	21	28	34	50	43	53	61	75	26
2	66	59	47	49	45	42	37	39	33	25	25	24	23	25	26	28	30	29	24	23	23	22	21	21	33
3	20	20	19	17	17	17	17	17	17	20	19														
4																									
5																									
6																									
7	14	13	12	12	13	13	15	15	15	15	16	17	17	17	17	18	19	19	20	18	19	17	19	21	16
8	19	25	24	23	21	20	22	25	30	27	27	24	24	24	24	23	23	23	33	30	36	43	43	54	28
9	38	46	33	33	31	25	45	51	40	37	35	33	28	28	27	27	25	20	23	27	40	47	67	65	36
10	75	81	89	71	67	82	101	115	90	59	43	34	26	20	16	16	16	18	28	23	17	13	14	15	47
11	17	17	15	14	14	13	14	15	15	18	15	14	14	13	11	11	11	12	14	16	17	17	18	17	15
12	16	17	18	17	15	15	11	10	10	11	10	11	11	11	11	11	12	13	14	15	17	17	17	16	14
13	13	12	12	11	11	12	11	13	14	14	13	13	15	15	15	17	19	17	17	16	15	15	17	17	14
14	17	19	17	17	17	15	17	18	18	17	17	16	15	17	17	17	17	17	16	18	22	19	19	19	17
15	19	17	17	18	19	19	21	24	25	24	25	24	20	18	14	13	15	13	12	11	12	13	13	13	17
16	15	15	14	13	12	13	13	13	15	14	15	15	16	16	17	19	19	19	19	21	20	20	21	23	17
17	24	24	25	25	26	28	30	30	33	27	29	29	29	29	29	27	31	32	29	27	28	27	26	27	28
18	27	26	27	27	29	29	23	24	23	26	27	27	29	30	29	29	26	18	18	18	19	17	17	19	24
19	18	17	16	15	14	15	17	19	21	24	23		10	12	12	11	14	16	14	18	15	11	10	14	15
20	9	14	11	11	13	12	10	11	13	12	9	8	8	8	13	13	15	15	14	13	14	21	14	15	12
21	15	14	15	18	16	15	16	23	22	15	13	13	13	13	13	13	13	13	12	12	10	9	9	9	14
22	9	10	9	9	9	9	10	12	13	12	11	13	13	13	13	13	17	16	15	15	14	14	15	14	12
23	14	14	14	15	15	17	17	19	26	23	25	27	21	20	21	14	15	15	13	16	19	16	18	18	18
24	17	15	14	14	14	13	13	13	13	13	14	15	15	17	17	15	15	13	14	14	14	14	13	14	14
25	14	13	12	11	10	9	10	11	11	12	13	13	14	14	15	15	14	14	14	13	13	13	13	14	13
26	13	11	11	10	10	10	11	13	14	15	15	15	15	16	15	14	15	14	14	13	13	13	13	14	13
27	17	17	17	17	17	17	18	19	21	22	21														
28																									
29	16	18	19	21	19	18	21	20	22	21	18	17	15	15	16	15	17	15	16	16	16	15	17	16	17
30	14	13	13	14	14	14	13	14	15	14	14	15	14	14	13	13	13	13	12	12					14
MEAN	21	21	20	20	19	19	21	23	22	20	19	19	18	18	17	17	18	18	18	19	19	20	22	22	20

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8	21	22	24	27	24	25	23	24	25	26	25	23	20	21	21	18	19	19	20	21	22	18	19	19	22
9	17	19	19	17	17	17	17	17	19	20	19	20	20	20	17	17	19	19	20	22	21	19	23	22	19
10	23	22	23	23	23	23	21	25	23	21	21	19	19	21	21	20	21	23	23	25	29	28	28	27	23
11	27	29	33	27	29	25	30	33	37	33	24	20	21	22	23	23	22	23	21	21	21	21	20	17	25
12	17	18	18	19	19	21	25	39	45	45	35	28	27	28	28	31	36	33		25	27	26	25	22	28
13	20	23	25	23	23	22	23	23	23	25	28	23	24	23	22	21	29	35	27	29	25	21	21	21	24
14	21	23	23	23	21	19	17	18	19	21	23	24	23	21	20	20	19	19	18	21	19	21	19	19	20
15	20	22	21	22	21	20	18	18	17	17	17	17	16	16	15	15	15	15	17	17	15	14	13	13	17
16	13	14	14	14	16	18	21	21	23	21	21	21	21	21	21	21	23	21	20	20	20	17	17	17	19
17	17	17	17	17	17	17	19	21	21	21	20	20	22	22	20	20	22	22	22	20	19	17	17	18	19
18	19	19	19	19	19	21	21	25	25	26	20	22	22	19	19	17	17	15	15	15	15	12	12	12	19
19	12	12	13	13	13	14	15	15	15	20	20	18	18	16	15	15	15	16	16	16	15	17	17	17	16
20	19	19	19	21	24	26	26	30	33	29	29	25	25	24	21	21	23	20	19	19	19	17	17	18	23
21	19	24	27	27	27	23	19	19	19	18	17	17	18	18	18	20	21	21	21	20	18	18	19	19	20
22	19	20	20	29	21	17	19	19	19	15	17	17	17	17	17	15	17	17	17	15	17	15	15	15	18
23	13	13	13	13	16	18	19	21	22	23	23	29	30	29	29	29	31	31	31	35	35	23	21	21	24
24	19	19	19	24	22	24	23	25	27	25	25	22	22	22	25	27	23	21	21	21	21	23	21	21	23
25	19	19	18	17	15	15	15	15	15	15	15	15	16	18	18	18	18	18	18	18	18	18	18	18	18
26	17	17	17	19	19	19	19	19	19	19	19	19	16	18	18	18	18	18	18	19	17	17	17	18	18
27	18	18	18	18	18	19	19	22	21	19	19	19	19	19	22	22	22	21	23	21	21	21	21	21	20
28	21	19	19	19	19	19	18	19	19	19	19	19	19	19	19	17	17	19	18	16	16	16	16	16	18
29	14	14	15	15	15	15	15	15	15	15	15	15	15	16	17	17	17	16	15	16	16	16	16	16	18
30	15	15	15	15	15	15	15	15	15	22	23	25	27	29	29	29	29	32	31	25	25	25	36	21	23
31	21	21	20	19	19	19	21	23	25	24	22	22	19	17	22	21	21	19	19	18	18	18	23	25	21
MEAN	18	19	20	20	20	20	20	22	23	23	22	21	21	21	21	21	22	22	21	21	20	19	20	19	21

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	16	26	45
FEB	27	14	21	49
MAR	31	16	20	30
APR	30	21	36	70
MAY	31	18	28	77
JUN	28	22	30	49
JUL	24	27	65	85
AUG	30	20	26	43
SEP	26	20	29	70
OCT	31	17	28	63
NOV	29	20	47	115
DEC	25	21	28	45
YEAR	337	19	65	115

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	46	398	118	13	0	0	0	0	575
FEB	138	376	90	3	0	0	0	0	607
MAR	67	560	107	0	0	0	0	0	734
APR	31	382	197	99	6	0	0	0	715
MAY	58	444	225	11	2	0	0	0	740
JUN	0	251	350	53	0	0	0	0	654
JUL	4	188	154	165	14	0	0	0	525
AUG	16	335	287	23	0	0	0	0	661
SEP	10	326	183	38	1	0	0	0	558
OCT	81	473	133	44	1	0	0	0	732
NOV	28	427	136	36	12	2	0	0	641
DEC	0	293	273	21	0	0	0	0	587
YEAR	479	4453	2253	506	36	2	0	0	7729

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
88	1	11.2	14.5	17.0	20.3	27.4	32.5	42.1	49.1	115	19.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
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27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	24	26	26	26	27	27	27	27	29	30	34	35	36	32	33	29	26	31	32	31	30	29	29
2	28	29	28	28	26	27	35	31	34	34	34	32	38	52	46	41	42	39	39	41	41	40	36	34	36
3	32	31	32	29	29	28	27	25	24	25	24	25	25	26	27	28	31	32	37	37	38	36	25	23	29
4	23	24	27	26	27	33	36	32	31	29	30	30	29	28	28	30	30	32	32	28	26	27	29	25	29
5	25	25	28	27	27	26	26	26	26	26	26	25	25	24	25	25	25	26	30	35	35	40	43	41	29
6	37	38	40	44	52	61	45	42	40	41	39	32	29	30	29	29	28	28	31	40	41	43	41	40	38
7	38	38	40	32	37	38	37	41	38	29	26	23	27	30	29	29	31	35	36	36	36	34	32	32	34
8	31	30	30	29	29	30	30	31	28	28	28	25	25	25	25	24	25	25	24	24	24	25	25	25	27
9	25	26	29	28	30	31	31	29	28	28	30	31	33	33	31	34	34	35	32	30	30	29	28	26	30
10	24	23	26	28	26	23	21	21	21	20	21	21	22	22	23	23	24	25	26	28	28	29	34	33	25
11	33	32	39	41	44	45	93	64	21	21	22	26	27	25	25	24	27	25	26	25	24	23	23	23	34
12	23	24	24	23	22	21	21	21	21	21	22	22	23	23	24	23	24	24	23	23	23	22	23	23	24
13	23	22	22	22	22	22	22	23	22	23	29	26	25	24	24	24	25	24	24	34	25	26	28	28	23
14	27	26	27	27	27	29	27	28	29	29	26	27	28	28	27	27	26	27	28	31	30	33	35	35	29
15	34	33	33	31	31	30	30	31	29	29	29	26	26	27	29	30	30	29	29	37	27	27	24	26	29
16	25	25	27	30	27	27	28	32	31	29	27	26	25	25	24	24	24	24	26	35	27	28	27	28	27
17	27	26	25	25	24	24	24	23	23	23	22	23	23	23	23	24	25	26	27	28	28	27	27	25	25
18	27	26	26	27	27	27	27	30	30	28	27	27	30	33	32	32	33	32	36	30	34	36	40	43	31
19	34	28	27	26	28	28	28	28	27	28	29	29	29	29	30	32	33	30	30	30	31	29	31	29	29
20	30	31	29	28	28	28	29	31	33	34	34	34	31	32	41	40	34	70	64	78	60	51	49	53	41
21	52	50	45	49	43	42	41	43	41	33	27	29	31	29	30	31	31	32	28	27	25	24	23	35	29
22	24	24	24	23	24	25	24	24	24	24	24	24	24	27	29	30	36	38	36	39	38	41	41	36	29
23	29	26	32	26	23	24	26	27	29	29	29	31	31	31	31	31	31	30	32	30	32	34	36	30	30
24	29	31	31	32	35	34	29	27	28	29	29	29	29	27	26	25	34	27	32	30	28	37	40	37	31
25	40	28	29	27	30	35	35	32	31	29	25	29	31	31	29	27	26	27	30	32	34	34	34	31	31
26	36	37	37	36	37	33	29	29	29	29	23	23	23	24	23	23	24	24	25	26	24	25	27	27	28
27	25	24	25	28	28	27	27	26	28	27	25	26	28	28	27	26	26	27	28	29	31	35	36	36	28
28	32	30	28	25	25	24	23	22	23	24	25	25	23	23	24	22	22	23	21	21	22	21	22	21	24
29	22	22	22	22	21	21	21	22	22	22	23	23	22	21	22	23	24	24	23	23	22	24	22	25	22
30	23	23	21	20	20	20	20	20	27	21	22	23	23	24	28	29	30	29	29	30	31	28	30	29	25
31	27	26	25	24	24	24	24	24	25	24	24	24	23	24	25	25	27	28	30	35	34	31	27	28	26
MEAN	29	28	29	29	29	29	30	29	28	27	27	26	27	28	28	28	29	30	30	31	31	31	31	31	29

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	28	27	26	25	25	26	27	26	25	24	23	23	24	26	23	23	25	24	25	24	27	24	25	25
2	26	27	35	32	26	25	24	25	25	25	25	26	26	26	28	31	38	42	43	52	55	54	52	50	34
3	54	50	44	43	41	43	39	43	38	39	35	34	39	36	33	33	31	32	29	27	28	29	30	30	37
4	30	33	32	31	31	32	30	39	50	42	42	36	30	23	22	22	23	21	21	21	21	22	23	23	29
5	22	23	22	22	22	22	22	23	25	26	27	27	28	31	30	28	28	28	26	27	30	35	33	32	27
6	28	26	26	26	25	25	25	25	25	26	27	28	29	31	33	34	36	41	40	38	39	46	48	50	32
7	45	44	45	37	28	37	28	27	25	25	25	26	26	25	25	25	25	25	24	25	26	25	26	29	
8	25	25	25	25	25	24	24	24	24	24	24	23	24	24	24	24	25	25	25	25	25	25	25	25	
9	25	25	25	24	24	25	25	25	24	24	24	24	25	25	26	27	28	28	28	28	29	29	31	26	
10	33	33	33	33	34	35	36	37	37	37	35	34	35	34	33	36	38	40	41	45	44	51	71	40	
11	86	68	44	37	68	64	47	43	40	37	34	35	34	36	66	39	44	39	37	38	35	34	32	31	45
12	28	28	28	29	29	29	30	32	33	28	33	26	26	29	29	30	29	29	28	29	31	32	38	37	30
13	40	44	39	38	41	47	50	50	42	42	45	40	31	32	34	34	33	35	40	46	53	54	58	57	43
14	58	55	49	45	45	41	39	39	37	36	33	32	33	37	29	26	26	25	23	21	20	20	19	19	34
15	19	19	19	19	19	19	19	20	22	23	24	25	27	28	29	28	30	31	28	28	30	34	41	40	26
16	39	38	36	34	35	32	34	36	36	36	36	27	28	29	30	31	35	36	39	43	64	63	60	53	39
17	41	36	33	31	30	29	30	30	28	27	27	27	28	27	28	29	30	31	32	32	31	32	33	34	31
18	33	31	31	31	31	31	33	32	28	25	24	25	27	27	28	29	28	27	27	26	26	26	26	26	28
19	26	25	25	24	24	25	23	23	24	24	24	25	26	29	31	32	34	35	36	35	35	39	39	38	29
20	38	40	37	36	40	42	41	37	34	32	32	32	32	34	37	37	39	40	42	44	51	50	52	50	40
21	47	43	44	41	42	42	39	41	39	39	46	42	44	44	47	48	35	44	51	52	53	54	54	53	45
22	52	54	55	54	50	50	52	50	47	50	48	42	42	42	42	31	32	32	26	25	23	20	19	18	40
23	17	16	15	15	14	13	13	14	14	16	17	16	16	16	16	16	18	21	21	21	20	20	20	20	18
24	20	20	20	19	19	19	19	19	19	17	18	19	20	20	22	22	23	22	23	25	26	26	26	29	21
25	41	56	28	25	32	58	29	26	23	31	35	31	31	34	44	36	28	30	35	37	34	37	35	39	35
26	41	43	39	38	36	37	39	42	35	32	32	25	25	25	25	27	29	35	35	34	36	39	38	41	35
27	43	57	52	47	55	51	38	28	28	27	26	27	28	30	33	38	36	36	34	35	37	40	37	40	38
28	39	46	45	39	37	39	47	53	38	28	27	29	31	32	30	30	44	36	42	49	49	44	53	51	40
29	46	31	29	46	51	37	41	40	43	36	26	27	29	30	30	32	32	33	35	35	36	35	38	42	36
30	44	41	36	32	32	37	48	48	29	35	31	29	31	31	30	30	28	30	30	29	28	27	27	30	33
MEAN	37	37	34	33	34	35	33	33	31	29	30	29	30	30	31	30	31	32	32	33	35	36	37	37	33

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION														
STATION - VICTORIA ST SARNIA OAMST												NO 14049														
												MONTH MAY 74														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	29	29	27	26	25	24	25	25	21	22	23	24	26	25	25	25	24	25	26	26	27	26	25	24	25	
2	33	39	30	26	24	25	25	24	24	23	23	22	23	24	25	26	28	29	31	32	31	34	32	32	28	
3	31	30	28	27	26	25	26	28	35	22	22	22	29	26	28	29	28	28	28	28	29	28	28	28	28	
4	29	28	27	27	27	28	27	26	26	27	27	27	28	29	29	29	30	30	31	34	34	34	32	31	29	
5	30	31	32	34	38	31	30	29	27	27	27	27	29	30	30	28	27	26	27	27	27	27	27	27	29	
6	27	27	27	25	25	25	25	25	24	24	25	25	25	25	25	26	25	25	25	25	27	27	27	27	26	
7	27	25	25	25	25	26	26	26	24	24	26	25	25	26	26	26	26	26	27	28	30	29	29	29	26	
8	30	29	28	29	27	26	27	27	26	25	25	24	24	23	23	24	24	23	23	23	22	23	24	24	25	
9	25	25	24	24	25	24	24	24	25	25	25	25	25	25	25	25	26	25	25	26	26	26	27	26	25	
10	27	27	27	27	28	28	47	31	29	27	28	28	29	30	31	32	32	32	33	33	33	37	36	36	31	
11	37	44	52	35	31	30	29	39	37	30	30	30	30	34	35	33	33	34	36	34	34	35	36	37	35	
12	46	49	45	47	47	43	39	37	35	39	39	36	36	33	32	30	29	28	27	27	27	28	28	28	36	
13	28	28	29	29	29	29	29	30	25	25	25	24	25	25	25	25	24	25	27	29	31	30	28	28	27	
14	28	28	27	27	28	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
15	24	25	25	25	27	24	25	26	24	23	19	19	18	17	15	17	17	17	20	23	24	24	27	24	25	
16	29	38	35	43	22	22	22	22	22	22	24	25	24	24	24	23	24	25	25	27	28	27	26	29	25	
17	29	38	35	43	22	22	22	22	22	22	24	25	24	24	25	25	27	29	28	32	31	29	28	28	29	
18	26	28	27	25	23	22	22	22	22	23	23	23	24	25	26	27	27	26	26	26	26	26	26	26	25	
19	25	25	25	24	24	24	24	24	24	24	25	26	27	28	29	30	31	31	32	32	32	30	29	29	27	
20	30	45	38	40	38	30	27	27	26	26	25	26	28	29	29	31	35	37	39	41	40	44	43	38	34	
21	35	32	32	32	35	32	31	32	33	34	33	40	41	39	43	41	44	48	49	55	56	58	56	54	41	
22	52	69	75	77	89	79	79	62	27	31	27	31	41	41	37	36	35	33	34	35	34	33	33	33	48	
23	32	33	33	34	34	34	40	36	30	20	21	21	22	22	22	23	24	24	24	26	28	31	32	30	28	
24	29	29	26	26	26	26	26	25	25	25	22	22	22	22	22	23	23	25	24	24	24	25	25	24	22	25
25	23	22	21	21	20	20	21	21	22	21	22	22	23	23	24	24	24	23	24	25	25	24	23	23	23	
26	25	25	26	24	27	24	25	23	21	20	21	21	22	23	24	25	25	25	26	26	26	25	25	26	24	
27	26	26	26	49	68	42	38	32	24	24	24	24	26	27	27	26	27	27	28	37	33	69	67	34		
28	63	59	78	75	46	75	78	59	54	42	38	32	34	34	35	30	27	31	25	27	29	26	35	54	45	
29	56	38	35	36	38	38	38	40	22	22	21	24	22	24	23	22	22	21	21	22	22	22	23	24	29	
30	25	25	24	26	27	23	22	22	22	20	20	20	22	24	24	24	25	24	24	23	24	23	23	23	23	
31	25	31	26	22	23	23	25	26	32	36	33	23	23	25	26	28	30	28	25	24	25	25	25	24	26	
MEAN	32	33	33	33	33	31	32	30	28	26	26	26	26	27	27	27	28	28	28	29	30	30	31	31	29	

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
		STATION - VICTORIA ST SARNIA OAMST												NO 14049												
														MONTH JUN 74												
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		26	25	26	24	24	46	41	39	28	29	27	25	24	26	26	26	28	27	28	29	31	33	43	36	30
2		35	38	36	38	34	51	61	37	29	30	35	30	30	30	30	30	30	31	32	34	33	31	29	29	34
3		33	32	30	33	49	57	41	33	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
4		29	30	32	39	41	38	33	40	40	44	35	34	33	32	33	33	31	30	29	30	31	28	29	29	34
5		21	22	22	21	21	26	24	24	24	24	24	24	23	23	20	21	22	23	22	21	21	23	22	21	28
6		23	23	23	23	23	22	23	22	23	22	21	21	29	37	24	25	23	21	22	24	24	22	24	22	28
7		22	19	28	20	20	18	25	25	22	22	22	23	24	27	27	26	23	24	27	26	23	24	23	22	33
8		26	31	45	52	26	24	22	19	21	21	21	21	25	22	23	26	26	30	28	36	38	30	29	27	28
9		26	29	23	22	24	26	18	22	22	27	28	26	28	26	20	21	19	17	18	22	23	18	18	17	23
10		17	17	17	17	18	18	18	18	19	20	20	21	22	21	21	22	21	20	23	32	30	23	22	21	21
11		21	21	20	20	20	21	21	20	18	19	18	22	21	19	18	19	18	18	18	21	21	20	19	19	20
12		25	42	45	47	26	25	29	28	26	25	26	22	21	21	20	22	19	23	36	23	21	24	28	23	27
13		34	42	47	43	49	56	36	30	31	30	32	27	27	27	27	27	29	31	25	28	26	24	24	33	33
14		23	21	21	22	31	28	24	22	27	26	24	28	23	25	23	24	24	30	38	39	63	44	35	29	29
15		25	24	23	25	22	26	24	21	20	22	21	21	20	20	19	19	18	19	19	20	20	20	21	19	21
16		19	20	21	21	21	22	23	23	25	24	29	28	28	30	29	23	35	29	24	36	45	35	23	23	27
17		22	22	21	22	23	26	28	27	29	32	35	40	37	25	23	23	25	43	27	26	34	31	51	51	30
18		28	32	30	23	24	26	35	44	84	51	32	30	29	36	42	41	33	34	37	42	49	52	46	39	38
19		37	48	39	43	26	27	38	60	86	58	30	29	29	29	29	30	27	31	34	31	29	33	30	28	37
20		26	27	29	50	35	39	42	33	22	23	24	25	24	23	23	24	25	25	25	26	27	26	30	31	29
21		37	23	20	20	23	35	27	23	22	23	23	22	21	22	21	20	21	22	21	21	21	21	22	21	23
22		21	21	21	21	20	20	21	21	22	22	22	22	22	22	22	22	21	22	22	22	22	23	23	22	22
23		22	22	21	22	21	22	22	24	24	24	23	23	24	22	22	23	23	22	22	22	22	23	23	23	23
24		23	22	22	22	23	22	22	23	24	24	21	19	20	21	21	20	19	19	19	24	25	21	21	19	21
25		21	21	21	20	20	19	20	21	21	22	22	21	22	21	21	20	19	19	19	23	22	24	29	32	27
26		28	26	29	32	36	38	31	25	25	24	25	24	23	23	23	23	20	19	18	19	19	19	20	20	25
27		25	23	21	21	21	21	21	21	24	24	24	25	24	24	23	21	20	19	18	18	20	23	23	28	22
28		32	35	25	22	25	39	51	25	23	24	21	20	19	19	20	22	19	18	20	35	49	54	29	26	28
29		28	38	38	38	34	25	19	22	22	21	23	20	19	18	17	16	16	16	17	19	19	18	18	17	22
MEAN		26	27	27	28	27	30	29	28	29	28	25	25	25	24	24	24	23	24	25	26	29	27	27	25	26

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 74

HOUF DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	23	23	23	27	21	19	19	18	18	19	17	18	18	17	18	19	39	29	45	40	44	24
2	56	48	47	47	43	41	35	***	***	36	30	36	34	38	33	38	26	28	24	28	36	46	67	43	39
3	21	20	20	22	32	26	26	27	25	26	22	28	33	31	29	29	30	28	27	41	47	55	64	57	32
4	53	54	53	23	24	38	39	37	36	36	30	25	28	69	57	18	16	17	17	17	18	20	20	19	32
5	19	19	20	20	18	19	19	***	***	***	20	20	21	21	22	22	21	22	23	27	25	29	33	37	23
6	37	34	46	48	40	40	51	47	33	30	27	23	24	23	32	25	25	23	25	28	35	33	57	46	35
7	29	25	28	34	50	68	42	27	29	39	29	28	22	21	19	20	20	20	20	22	37	54	47	66	33
8	44	31	25	55	62	73	36	***	***	30	30	24	22	21	22	22	21	20	23	32	57	44	53	32	35
9	53	42	34	42	54	40	43	28	23	22	22	21	20	12	22	22	20	20	21	20	21	18	18	17	19
10	19	20	21	23	21	23	20	20	20	***	21	20	20	19	18	18	17	17	16	17	17	17	18	17	19
11	18	17	17	18	18	18	19	***	***	19	18	18	19	18	17	18	17	16	16	16	16	15	15	16	17
12	16	17	31	27	21	25	25	23	19	***	22	22	23	24	26	26	27	25	26	29	38	61	61	29	19
13	68	40	28	30	29	32	31	27	25	23	24	25	25	28	29	29	32	35	38	38	50	59	66	46	36
14	43	28	18	17	14	***	***	***	***	***	***	***	27	26	24	25	24	27	35	46	28	26	25	21	27
15	20	20	18	18	18	18	19	19	19	19	19	19	19	19	19	21	20	19	19	20	19	19	20	19	19
16	19	19	20	20	19	20	21	20	20	21	19	19	19	23	22	21	22	22	23	22	23	23	25	39	22
17	51	82	62	77	60	48	47	29	29	28	31	26	28	27	26	23	24	25	24	31	31	36	32	26	38
18	21	21	29	41	43	42	48	34	28	29	28	***	25	23	20	19	19	18	19	19	22	24	24	24	27
19	25	22	21	19	19	18	19	19	19	21	21	25	21	22	22	26	22	22	23	24	23	19	18	18	21
20	17	17	17	17	18	18	18	17	17	18	19	18	19	20	20	20	20	19	19	19	20	22	20	19	19
21	17	17	18	19	21	19	18	17	17	17	17	16	17	17	17	18	19	19	20	20	23	22	28	26	19
22	25	30	26	23	27	33	34	29	29	23	27	23	22	21	21	21	20	18	20	19	20	18	19	19	24
23	19	20	19	19	19	19	21	22	20	20	22	21	19	20	21	21	19	18	19	20	21	23	21	20	20
24	20	20	21	22	19	21	21	23	20	19	20	22	17	20	18	18	18	17	18	21	18	18	24	25	20
25	54	45	30	22	27	34	53	28	23	27	25	24	22	23	24	24	23	21	20	17	18	20	18	17	26
26	17	16	17	17	19	18	19	20	22	20	23	23	22	22	23	25	29	29	28	28	26	21	21	32	22
27	40	37	59	45	41	59	64	35	29	25	23	23	23	29	24	25	22	20	23	22	25	26	22	18	32
28	17	18	18	35	54	66	30	19	20	16	16	17	16	17	18	18	19	20	20	25	21	26	38	***	25
29	***	***	***	***	***	***	***	***	24	23	23	20	19	21	21	22	22	21	21	22	21	21	27	21	22
30	23	21	19	21	21	21	22	22	22	22	23	23	23	23	23	24	23	22	22	22	21	21	30	37	23
31	25	21	20	20	20	21	21	21	21	22	21	22	23	23	22	25	24	23	23	24	26	26	26	24	23
MEAN	30	28	27	29	30	32	31	25	24	24	23	22	22	24	24	23	22	22	22	25	27	28	32	30	26

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	22	22	24	31	30	26	26	24	22	23	23	25	25	28	27	26	34	27	28	33	41	36	27
2	27	43	30	23	22	23	24	24	24	24	24	26	28	25	25	28	32	29	25	29	34	38	38	31	29
3	28	28	23	25	27	21	26	23	27	22	24	26	23	25	24	22	22	23	25	28	23	32	34	27	25
4	29	26	21	23	25	27	26	23	27	22	24	26	23	25	24	22	22	23	25	28	23	32	34	27	25
5																									
6																									
7	61	45	50	41	35	27	36	34	24	19	21	19	19	20	20	23	20	20	21	22	27	26	24	20	28
8	20	23	20	17	17	18	19					25	23	21	19	22	22	22	21	20	24	20	21	20	21
9	21	22	21	21	29	25	27	24																	
10																									
11																									
12																									
13	39	63	65	30	27	33	41	29	24	22	23	21	21	22	20	21	20	21	21	21	21	21	21	21	29
14																									
15	25	25	30	34	36	30	32	29	24	23	24	23	23	23	25	26	25	24	24	25	31	35	27	31	27
16	38	40	48	27	33	25	32			40	31	28	26	25	31	33	26	34	27	30	31	36			32
17																									
18																									
19																									
20	42	32	46	31	38	73	95	61	45	41	31	25	30	29	26	31	29	30	29	26	27	40	33	25	38
21	24	24	25	31	28	36	48	39	67	46	31	26	26	26	26	27	26	26	25	31	37	37	29	26	32
22	28	30	31	29	26	57	55	30	33	32	36	30	30	29	31	29	26	26	23	26	23	30	50	61	33
23	62	60	46	54	32	33	34																		
24																									
25																									
26																									
27	29	18	17	16	18	18	19	18	20	21	19	18	23	20	23	18	16	19	19	24	24	41	73	38	23
28	23	32	25	21	27	37	45	34	19																
29																									
30																									
31																									
MEAN	32	33	33	28	28	32	38	31	31	28	26	24	24	25	24	25	24	25	25	28	28	33	37	34	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18	23	24	28	32	33	23	38	62	20	19	19	19	19	19	25	24	22	23	23	26	34	30	22	23	23
19	23	24	28	32	33	23	38	62	20	19	19	19	19	19	25	24	22	23	23	26	34	30	22	23	23
20	23	24	28	32	33	23	38	62	20	19	19	19	19	19	25	24	22	23	23	26	34	30	22	23	23
21	24	23	23	21	20	21	21	22	23	22	21	21	19	18	18	19	19	20	21	20	22	21	22	20	21
22	20	19	19	19	18	19	19	19	19	19	19	19	19	19	19	20	20	20	21	22	20	22	27	20	20
23	13	13	13	19	22	22	22	22	20	18	17	18	18	19	19	23	25	23	26	27	23	22	22	22	20
24	22	34	26	30	26	24	24	26	22	22	22	26	26	25	24	21	23	23	19	21	24	24	21	25	24
25	25	23	39	43	36	38	34	19	21	19	18	19	19	20	19	21	20	19	20	24	26	38	33	25	26
26	23	23	22	24	55	78	77	32	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	23	24	28	32	33	23	38	62	20	19	19	19	19	19	25	24	22	23	23	26	34	30	22	23	23
MEAN	21	23	24	27	31	34	36	30	21	19	19	20	20	20	21	21	22	21	22	23	25	25	25	24	24

PERCENTAGE OF DATA VALID - 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	23	24	24	24	24	24	25	25	25	25	25	27	25	25	24	24	25	25	24	25	25	25
2	25	25	25	25	25	26	26	26	26	25	26	26	26	27	28	28	27	27	27	28	28	27	28	27	26
3	27	27	27	27	27	27	29	30	32	30	29	30	28	27	27	29	30	32	38	34	34	35	34	33	30
4	40	39	50	49	40	42	43	48	26	24	29	27	25	26	32	24	21	23	27	27	25	36	41	33	
5	40	38	41	39	36	30	33	37	37	36	33	34	31	32	33	35	40	51	66	75	32	52	48	55	41
6	72	44	37	35	33	37	30	26	31	31	30	27	24	25	28	36	40	41	45	24	20	18	18	18	32
7	18	18	18	17	18	18	19	20	28	18	18	18	18	18	17	18	18	17	20	43	54	50	34	26	23
8	36	39	24	21	26	48	51	31	28	29	31	28	24	27	23	21	21	18	17	17	17	24	21	24	27
9	19	20	25	36	48	21	22	25	24	23	22	22	21	22	23	21	22	32	38	43	35	31	26	27	
10	25	28	27	25	26	24	24	24	24	26	25	22	24	26	23	24	24	23	24	24	26	26	33	35	26
11	41	42	60	73	45	46	39	50	62	49	32	29	34	33	37	34	36	39	37	44	59	51	67	45	
12	59	47	33	31	30	27	26	45	55	37	32	29	24	22	22	21	21	20	20	21	21	22	20	29	
13	20	21	20	21	21	20	21	21	21	22	23	22	21	21	22	21	22	23	23	23	24	23	23	22	22
14	22	23	27	36	41	28	32	40	41	42	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
15																									
16	40	21	22	19	22	21	21	22	23	23	28	24	23	22	25	22	20	20	19	18	18	19	19	19	22
17	18	18	17	18	18	17	17	20	22	23	24	21	21	18	18	21	19	18	18	18	19	19	19	19	19
18	18	18	18	18	18	18	20	20	19	20	18	18	17	16	16	15	16	15	16	16	17	16	18	15	17
19	15	15	15	16	17	17	17	19	18	17	20	20	20	15	15	15	16	16	15	17	16	16	16	16	17
20	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
21	40	39	34	23	21	20	32	38	29	21	21	24	22	32	33	35	35	37	41	48	48	28	23	26	31
22	38	30	28	26	24	22	21	22	23	23	22	22	21	22	21	21	21	22	24	24	24	24	21	22	24
23	25	29	44	36	24	32	25	26	31	33	31	26	29	30	27	28	32	30	34	47	45	48	53	37	33
24	32	28	26	24	24	23	24	26	26	25	24	25	24	24	24	24	24	26	27	29	42	29	27	25	26
25	23	23	22	22	23	23	22	25	26	27	24	25	24	23	23	23	23	23	29	29	27	25	24	24	24
26	24	24	23	23	24	26	27	27	27	25	24	23	25	25	27	26	25	25	28	39	40	34	36	34	28
27	28	27	27	26	26	26	29	32	34	34	46	44	35	29	29	28	30	27	25	27	27	26	25	25	29
28	27	28	27	27	28	31	30	35	39	39	37	34	34	37	71	34	29	30	32	31	32	29	27	29	33
29	28	27	26	24	23	22	21	25	28	52	48	41	40	36	42	46	34	27	24	38	34	34	34	34	34
30																									
31	44	32	40	31	34	35	36	32	51	42	36	30	45	48	29	24	25	28	23	22	22	25	24	30	33
MEAN	31	29	29	28	27	27	27	29	30	30	29	27	26	26	27	26	26	26	28	31	31	30	30	31	28

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
		STATION - VICTORIA ST SARNIA OAMST										NO 14049															
												MONTH NOV 74															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		42	39	42	42	39	28	30	48	49	46	29	21	21	21	19	21	22	27	29	22	40	64	95	79	39	
2		77	21	19	20	17	17	18	18	18	18	20	22	22	29	23	27	29	25	22	23	27	28	26	22	25	
3		22	22	19	22	20	22	19	19	20	20	19	21	21	30	40	36	25	26	28	23	20	20	19	18	23	
4		17	17	17	17	17	17	17	18	18	21	20	21	19	18	21	20	20	22	20	21	20	20	20	20	19	
5		19	19	18	18	18	18	18	19	21	23	22	24	25	26	24	25	24	22	21	21	22	21	21	20	21	
6		20	20	20	20	20	20	21	23	24	23	23	24	24	24	24	24	25	24	22	22	22	23	23	23	22	
7		25	25	27	24	29	24	24	25	33	33	37	34	27	29	32	31	38	32	39	27	87	85	75	68	39	
8		35	34	35	30	32	29	28	31	33																	
9																											
10																											
11																											
12																											
13		23	22	22	21	21	21	23	21	20	20	20	20	20	21	21	22	23	23	23	23	22	25	23	24	24	
14		21	20	19	19	19	19	21	20	21	22	22	22	22	21	21	22	22	22	21	21	24	22	21	22	21	
15		21	20	20	20	19	19	20	20	21																	
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26		19	19	19	21	22	25	26	29	28	26	23	28	25	25	29	29	32	39	36	38	30	27	23	22	27	
27		21	21	22	23	23	22	24	24	24	29	26	33	29	27	29	26	24	23	24	25	28	29	26	27	25	
28		26	27	24	23	21	21	23	27	26	23	23	23	23	24	22	23	25	25	23	23	24	23	21	21	24	
29		21	21	21	20	21	20	21	23	22							24	26	28	25	25	25	24	22	22	23	
30		21	20	20	19	20	20	20	21	22	22	22	22	23	23	22	22	22	21	20	21	20	22	20	22	21	
MEAN		27	23	23	22	22	21	22	24	25	25	24	24	23	24	25	25	25	25	25	26	29	30	30	28	25	
PERCENTAGE OF DATA VALID -		52																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION														
		STATION - VICTORIA ST SARNIA OAMST										NO 14049														
												MONTH DEC 74														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		19	19	19	19	19	19	19	20	19	19	20	19	19	19	20	19	19	18	18	19	18	19	18	18	19
2		18	18	19	19	18	18	18	18	18	19	18	18	21	22	21	20	22	21	21	20	19	19	19	20	19
3		19	21	19	20	20	19	19	20	20	21	21	22	21	21	21	21	22	22	20	20	19	19	20	20	
4		19	20	21	20	20	21	20	21	23	23	23	26	30	27	29	28	29	29	27	29	26	24	26	25	
5		28	25	23	21	23	31	32	39	26	29	32	40	46	32	40	30	33	38	32	40	51	45	62	68	
6		37	39	31	41	37	34	31	47	30	29	30	25	23	24	25	23	25	31	31	27	32	29	25	30	
7		25	26	28	31	33	32	36	36	34	34	38	36	30	27	28	32	30	29	27	28	26	28	29	29	
8		23	24	27	32	42	34	21	24	23	22	23	23	22	21	19	18	18	18	19	18	18	18	18	19	
9		18	18	18	17	17	17	18	18	18	19	20	20	19	20	20	21	21	22	21	22	23	23	21	21	
10		20	21	23	21	22	22	30	24	22	25	23	24	27	27	28	27	29	35	28	39	42	53	38	31	
11		30	30	46	63	49	36	56	55	43	41	44	42	35	34	33	31	32	29	28	36	47	31	26	25	
12		28	35	26	25	32	25	36	26	28	29	34	35	31	30	29	32									
13																	38	44	43	33	32	33	34	33		
14		29	27	25	24	24	25	23	24	24	25	27	26	26	29	27	28	27	26	27	29	32	27	24		
15		24	24	24	23	23	23	23	23	23	23	22	23	22	23	23	22	22	23	23	24	24	24	25		
16		29	34	25	24	23	24	27	27	31	30															
17																										
18																										
19		26	22	22	25	24	23	23	24	24	23	25	26	28	28	24	24	23	22	20	22	23	24	23		
20		21	21	21	22	21	21	21	23	23							27	28	30	28	31	31	33	30		
21		25	27	27	28	27	28	29	24	25	32	42	33	31	31	35	39	28	28	26	23	23	23	23		
22		22	21	22	24	23	23	22	21	22	22	45	38	26	27	25	29	27	25	22	22	23	23	23		
23		22	22	21	21	20	22	35	36	39	24	24	26	30	29	25	26	27	28	32	30	29	26			
24		29	32	34	31	26	25	24	23	24	26	27	28	25	26	27	27	25	22	23	23	21	24			
25		20	19	20	19	19	18	18	19	21	19	19	19	19	18	19	19	19	20	21	20	21	20			
26		21	21	21	21	21	22	23	23	23	21	23	25	27	28	35	30	31	32	31	33	30	25			
27		40	24	23	31	28	22	24	25	26	24	25	26	25	27	28	28	29	27	25	27	38	50			
28		28	29	25	24	23	24	21	22	23	24	25	24	27	33	39	35	38	30	26	32	33	25			
29		23	23	23	22	25	28	29	24	29	24	23	23	24	30	32	36	39	38	40	38	30	27			
30		23	23	23	21	21	21	21	22	22	23	23	24	24	24		29	28	29	28	30	57	59			
31		35	37	31	43	34	28	40	58	33	39		33	35	34	40	34	34	28	24	27	27	26			
MEAN		25	25	25	26	26	24	26	27	26	26	27	27	27	27	28	27	28	27	26	27	29	29			
PERCENTAGE OF DATA VALID -		90																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	28	40	80
FEB	28	27	45	103
MAR	31	29	41	93
APR	30	33	45	86
MAY	31	29	48	89
JUN	30	26	38	86
JUL	31	26	39	82
AUG	21	29	38	95
SEP	10	24	26	78
OCT	30	28	45	75
NOV	18	25	39	95
DEC	30	27	38	68
YEAR	312	28	48	103

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	31	293	139	2	0	0	0	465
FEB	0	34	479	119	7	1	0	0	640
MAR	0	0	509	213	5	1	0	0	728
APR	0	33	308	353	9	0	0	0	703
MAY	0	8	508	169	15	0	0	0	700
JUN	0	73	474	132	4	0	0	0	683
JUL	0	193	383	124	16	0	0	0	716
AUG	0	24	241	93	10	1	0	0	369
SEP	0	47	103	14	3	0	0	0	167
OCT	0	88	379	196	7	0	0	0	670
NOV	0	48	287	32	7	1	0	0	375
DEC	0	79	444	144	3	0	0	0	670
YEAR	0	658	4408	1728	88	4	0	0	6886

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	ARITH MEAN
78	12	19.1	22.4	25.0	28.9	38.7	45.5	54.8	63.4	103	28.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	13	13	13	13	12	12	12	12	11	12	12	14	16	16	15	15	12	13	13	14	14	13
2	14	15	15	16	16	16	17	16	16	16	15	14	13	11	13	15	17	17	15	15	15	18	18	19	16
3	16	16	17	17	17	17	17	17	17	18	17	16	17	13	11	13	15	14	16	15	15	13	11	11	15
4	13	13	13	14	15	13	15	15	17	16	16	15	15	13	15	17	19	21	22	21	21	21	22	24	17
5	23	23	23	27	29	34	49	56	44	29	25	23	24	24	23	23	29	25	23	21	21	21	23	25	28
6	23	21	21	21	20	21	21	21	21	22	21	19	17	17	17	17	18	19	19	18	18	18	19	19	19
7	17	17	19	19	19	20	19	19	17	17	19	26	17	19	18	19	19	19	19	17	17	15	19	25	19
8	19	17	17	17	18	18	18	19	21	23	20	21	19	19	20	22	19	19	18	18	17	18	18	18	19
9	17	17	17	17	17	17	17	19	19	19	19	19	19	19	21	21	21	20	21	25	27	24	27	29	20
10	23	19	19	19	19	19	20	20	20	21	21	20	19	19	18	19	18	19	19	20	20	21	22	21	20
11	19	19	19	19	19	19	17	17	17	17	17	16	16	16	16	17	17	19	21	32	42	38	31	27	21
12	23	25	23	20	18	17	16	17	15	15	15	15	16	16	16	15	18	18	18	19	19	19	20	19	18
13	18	19	19	19	18	18	18	19	19	18	17	18	19	18	17	19	19	17	19	21	20	19	19	19	19
14	19	19	19	20	23	27	35	37	27	19	17	17	16	15	16	16	15	16	15	17	15	15	19	20	20
15	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
16	21	21	20	19	19	19	19	21	22	23	21	23	23	23	23	23	24	26	28	29	28	25	22	23	23
17	21	19	19	19	19	18	18	18	17	17	17	18	17	17	17	17	17	17	17	17	17	17	17	18	18
18	15	15	15	15	15	15	15	17	17	16	17	17	18	19	19	21	21	20	18	20	21	21	21	17	18
19	18	19	19	17	18	18	17	19	19	18	17	16	17	18	17	18	31	27	23	24	21	20	20	24	20
20	19	19	17	18	17	17	17	15	17	17	17	18	15	17	17	16	16	17	17	21	21	19	19	19	18
21	17	17	18	17	17	19	21	21	23	24	27	27	25	22	29	24	24	23	21	20	20	20	22	22	22
22	19	17	17	17	17	17	17	17	19	19	21	22	21	21	21	21	23	23	22	21	21	23	23	23	20
23	23	24	23	22	22	23	23	23	23	23	23	22	21	19	19	21	19	18	17	18	17	17	17	17	21
24	17	17	17	18	17	18	19	21	21	19	18	17	17	17	17	18	18	19	19	20	19	19	20	26	19
25	19	19	19	18	18	18	18	20	21	20	21	19	19	19	18	18	19	21	19	19	19	19	19	19	19
26	20	21	21	21	22	23	25	25	27	25	23	24	23	24	24	23	29	27	24	23	21	20	23	21	23
27	19	16	15	15	15	15	15	15	16	16	16	16	17	17	17	18	18	18	18	18	18	18	17	16	17
28	17	17	15	15	15	15	15	18	21	20	17	17	16	18	18	18	18	18	18	18	18	18	18	18	17
29	18	17	16	16	16	15	15	16	17	15	17	17	17	18	18	18	19	19	19	20	20	19	19	19	17
30	18	17	17	16	16	16	17	18	18	17	18	18	17	18	18	18	19	20	19	19	17	18	21	19	18
31	18	17	17	17	17	17	16	17	18	17	17	17	16	16	16	16	17	18	17	17	17	16	16	16	17
MEAN	19	18	18	18	18	18	19	20	20	19	19	19	18	18	18	19	20	20	19	20	20	19	20	20	19

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	17	17	17	17	17	17	16	16
2	16	16	15	15	15	15	15	15	15	15	15	16	16	17	17	18	29	23	19	18	17	17	17	18	19
3	17	16	16	16	16	16	15	15	16	16	17	15	15	15	15	17	17	17	17	17	17	15	16	16	16
4	16	16	16	16	16	16	17	16	18	16	17	15	15	15	15	16	16	16	16	16	16	16	16	17	16
5	15	17	16	18	17	16	17	16	18	17	15	15	15	15	15	15	15	16	17	17	17	15	11	14	16
6	14	14	14	15	15	13	14	15	15	15	15	15	15	16	18	21	19	20	19	19	21	18	19	18	17
7	17	17	20	19	17	17	19	17	19	17	17	17	19	19	18	17	15	16	17	19	18	19	18	18	18
8	19	18	18	17	17	22	25	23	25	25	24	22	19	18	18	17	18	19	19	18	17	19	17	19	20
9	19	17	17	17	17	21	23	25	24	24	21	19	18	18	18	17	17	17	20	18	17	17	18	18	19
10	22	18	17	17	17	16	17	17	17	16	18	17	18	18	18	19	20	20	19	19	21	21	18	17	18
11	15	15	14	13	15	16	16	15	15	17	17	15	17	16	16	18	17	19	17	18	17	18	26	23	17
12	19	17	17	17	17	18	19	23	27	24	21	20	19	19	19	20	21	24	25	24	25	25	25	25	21
13	24	21	20	19	19	19	21	25	25	23	21	20	19	19	19	17	17	17	17	15	14	14	15	15	19
14	14	13	13	13	13	13	14	15	17	15	15	15	15	15	15	15	15	17	16	15	16	16	16	16	15
15	16	17	17	18	16	27	20	20	19	19	19	21	17	18	17	17	19	20	22	22	22	20	19	18	19
16	17	17	17	19	18	21	21	19	19	20	21	21	20	19	19	19	25	23	19	19	19	19	17	17	19
17	16	15	15	15	14	14	14	15	15	17	15	17	17	17	15	15	15	15	16	17	17	16	15	16	16
18	15	15	16	16	17	24	25	27	35	21	16	16	18	17	16	16	14	15	15	16	19	22	24	19	19
19	23	23	22	21	21	20	21	20	23	23	21	23	21	24	24	23	21	19	19	19	19	19	19	19	21
20	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
21	34	32	31	31	31	25	23	26	28	24	22	19	17	17	18	18	18	18	19	19	18	18	19	19	23
22	17	17	18	17	17	18	17	19	19	19	19	19	18	18	19	19	20	18	15	15	15	15	15	15	18
23	14	14	14	15	15	15	15	15	16	15	15	16	17	17	17	17	18	17	17	17	17	17	17	17	16
24	15	16	16	16	16	17	19	18	16	15	15	15	14	14	14	14	15	15	15	15	15	15	15	15	15
25	15	15	15	15	14	14	15	15	15	19	18	16	15	15	15	15	16	15	15	16	16	17	18	17	16
26	18	17	18	17	17	17	17	18	19	18	17	17	17	17	18	18	21	20	19	18	19	21	23	19	18
27	17	15	15	16	17	17	17	18	17	19	19	17	18	19	19	22	24	23	23	23	23	24	24	22	19
28	21	19	19	18	17	18	17	18	19	18	18	18	19	19	21	23	23	23	23	25	22	23	24	22	20
MEAN	18	17	17	17	17	18	18	19	19	19	18	17	17	17	17	18	19	19	18	18	18	19	19	19	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	17	17	17	17	17	17	17	17	17	18	18	19	19	19	21	20	19	19	18	18	17	17	18
2	17	17	17	19	19	21	18	19	19	20	19	20	21	21	22	23	30	27	25	25	24	23	21	21	
3	20	21	21	20	20	20	20	19	19	19	19	19	19	19	18	17	16	17	17	15	15	16	16	18	
4	16	16	17	17	17	19	20	21	25	24	21	22	20	21	19	18	19	20	19	18	17	17	18	19	
5	19	18	17	17	16	16	16	17	17	17	17	16	15	16	17	17	17	17	17	17	17	17	16	17	
6	15	15	16	16	17	17	19	20	19	18	18	19	19	20	19	18	19	18	19	19	18	24	21	18	
7	18	17	16	16	16	16	17	17	17	17	16	16	15	18	18	17	17	17	17	17	17	17	17	17	
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9	14	15	15	15	15	15	15	16	16	16	17	17	19	19	21	20	19	21	22	19	17	16	15	17	
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17	19	19	19	19	18	17	17	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	16	
18	15	15	15	15	15	15	15	16	16	15	15	15	15	18	17	17	19	19	19	19	19	15	15	16	
19	15	15	15	15	18	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16	17	17	17	19	20	19	17	
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24	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
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26	18	17	16	16	16	16	16	16	17	19	17	17	17	16	16	16	17	17	17	17	18	18	18	17	
27	17	17	17	21	19	18	17	17	17	16	16	16	16	15	15	17	19	18	19	19	19	19	19	18	
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30	17	17	17	16	15	15	15	17	16	17	18	17	19	19	19	19	22	19	19	19	19	17	17	20	
31	19	18	17	16	15	15	15	15	15	14	14	14	14	15	15	19	20	17	17	17	17	17	17	16	
MEAN	17	17	17	17	16	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	17	18	18	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	16	15	15	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	20	20	20	20	19	23	25	22.23
2	19	19	19	21	20	20	20	20	20	19	19	19	19	19	19	19	21	21	20	20	20	20	20	20	20
3	20	23	23	27	27	29	27	24	23	22	21	20	20	21	21	21	21	21	21	23	22	21	21	23	23
4	23	22	21	19	19	19	22	21	19	19	19	19	19	19	19	19	20	21	21	21	21	21	21	21	20
5	21	19	19	19	19	19	19	19	19	20	20	20	20	20	20	20	21	21	20	20	20	19	19	19	20
6	19	19	19	19	19	19	19	19	19	18	18	18	19	20	20	20	21	21	23	21	21	21	21	25	20
7	21	19	19	18	18	17	18	18	19	18	19	19	19	19	19	18	18	18	19	19	19	19	18	18	19
8	18	18	18	19	19	19	19	19	17	17	18	18	18	18	19	19	19	19	19	19	19	19	21	19	19
9	19	19	18	17	17	17	17	17	17	17	17	18	18	18	18	19	19	19	19	19	19	19	19	18	19
10	18	18	18	18	17	18	19	19	19	17	17	18	18	18	18	18	19	19	20	23	23	23	22	29	19
11	23	21	20	20	20	21	23	24	23	24	23	22	22	22	23	23	23	23	23	23	21	20	20	23	22
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13	23	21	21	19	19	20	19	19	19	19	19	20	19	19	20	20	23	21	22	22	23	31	28	29	21
14	31	37	35	32	25	24	23	23	23	21	21	22	22	21	19	19	19	19	19	19	19	18	17	17	23
15	17	17	17	17	17	17	17	18	18	18	18	18	19	19	19	19	19	19	19	19	20	20	21	18	18
16	20	20	21	21	20	20	20	20	21	20	20	20	26	25	22	24	24	22	21	21	24	23	21	21	22
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22	19	19	19	19	19	19	20	21	21	21	21	21	21	21	21	23	23	22	21	23	21	19	19	19	20
23	17	17	16	18	17	17	17	17	17	21	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17
24	15	15	15	15	15	15	15	15	15	15	15	16	17	15	15	15	15	15	15	16	17	17	18	18	16
25	18	20	23	26	29	33	30	23	21	18	17	17	17	17	17	19	20	20	19	19	19	19	20	20	21
26	21	22	23	23	23	23	24	21	21	21	19	19	18	18	19	18	19	19	19	21	22	23	25	37	22
27	52	59	59	61	55	43	35	28	25	21	20	20	22	21	21	21	29	24	24	25	25	24	23	26	32
28	23	21	21	20	19	19	19	18	19	19	19	20	20	21	21	22	23	23	24	23	21	21	21	21	21
29	20	19	20	20	20	21	22	23	22	21	20	20	19	19	19	20	21	20	22	22	23	23	26	23	21
30	21	23	25	27	24	23	24	23	21	21	20	20	19	19	30	23	21	21	20	19	19	19	18	22	22
MEAN	21	22	22	22	21	21	21	21	20	20	19	19	20	19	20	20	21	21	21	21	21	21	21	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19	28	56
FEB	28	18	23	37
MAR	31	17	21	30
APR	30	21	32	61
MAY	31	18	25	43
JUN	30	19	24	38
JUL	30	20	28	51
AUG	31	17	23	39
SEP	30	19	25	49
OCT	31	19	25	58
NOV	30	20	41	83
DEC	31	18	28	53
YEAR	364	19	41	83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	502	213	11	0	0	0	0	726
FEB	0	518	124	10	0	0	0	0	652
MAR	0	656	86	0	0	0	0	0	742
APR	0	296	397	14	1	0	0	0	708
MAY	0	616	104	10	0	0	0	0	730
JUN	0	464	230	12	0	0	0	0	706
JUL	0	439	230	37	0	0	0	0	706
AUG	6	531	169	11	0	0	0	0	717
SEP	0	490	205	23	0	0	0	0	718
OCT	0	518	203	20	0	0	0	0	741
NOV	0	486	189	30	9	0	0	0	714
DEC	0	595	128	16	0	0	0	0	739
YEAR	6	6111	2278	194	10	0	0	0	8599

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96	10	14.1	15.9	17.1	18.9	23.0	26.0	30.7	36.2	83	18.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
STATION - SIMCOE HORTICULTURAL STATION										MONTH MAY 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	17	18	16	16	16	15	15	15	15	15	15	14	14	14	15	16	17	18	19	20	16
2	21	19	19	20	20	21	20	19	17	16	16	15	15	15	15	15	15	15	16	17	17	18	17	17	17
3	17	17	16	16	17	17	17	17	17	16	16	16	16	16	16	16	15	15	15	16	17	18	19	19	17
4	19	20	20	21	21	21	21	20	19	19	19	18	18	18	18	18	18	19	19	19	21	21	21	22	20
5	23	24	25	27	27	29	29	25	24	23	22	21	21	21	20	20	19	20	20	20	20	20	21	23	19
6	21	21	21	22	22	22	22	23	23	16	16	16	16	16	16	17	17	17	18	18	19	19	19	19	19
7	20	21	21	21	21	20	19	18	18	18	17	17	17	16	16	16	16	16	16	17	19	20	22	23	19
8	25	23	28	25	25	25	25	22	20	19	16	15	15	15	15	15	16	16	16	16	16	15	16	15	19
9	16	17	17	17	17	18	16	15	15	14	14	14	13	13	13	13	13	13	14	14	13	14	14	15	15
10	14	14	15	15	16	16	16	15	15	15	14	14	15	15	15	15	15	15	16	16	17	18	19	20	16
11	19	19	19	23	23	21	20	19	17	16	16	16	15	15	15	15	15	15	16	17	16	16	16	17	17
12	15	15	15	11	11	12	12	12	13	13	13	13	13	13	13	13	13	13	14	14	15	15	16	16	13
13	16	16	16	17	17	17	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15	16	17	16	16
14	16	15	15	16	16	16	15	15	15	15	14	14	13	13	13	14	15	17	17	19	19	21	20	19	16
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16	18	22	19	23	22	22	19	19	17	17	16	16	16	16	17	18	18	19	18	17	18	17	18	19	19
17	19	19	19	18	17	17	18	16	15	16	17	16	16	15	16	16	17	18	19	19	19	19	19	19	17
18	19	19	19	19	19	19	19	19	20	20	21	19	19	19	20	21	20	20	20	23	24	23	23	21	20
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22	24	23	21	24	28	28	27	25	23	21	21	20	21	20	21	22	21	20	19	19	19	19	20	19	22
23	19	19	19	19	18	18	17	17	17	17	17	17	16	16	16	16	17	18	19	19	20	21	19	18	
24	20	18	17	17	17	17	17	16	16	15	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17
25	16	16	17	16	16	17	16	15	14	14	14	14	14	14	14	14	14	15	15	15	16	17	16	15	15
26	15	15	15	15	15	16	15	15	15	15	14	14	13	13	13	13	13	13	13	14	15	14	14	14	14
27	14	15	16	16	16	17	16	15	14	14	14	14	15	15	15	15	15	15	15	16	19	18	19	16	16
28	18	18	18	19	21	21	18	18	16	16	15	15	15	15	16	17	16	16	17	17	17	17	17	17	17
29	17	17	15	15	15	15	15	15	16	15	15	15	15	15	16	16	17	18	19	20	21	21	22	23	17
30	23	23	22	22	22	24	23	22	21	20	20	20	21	21	20	22	23	23	24	25	27	28	27	25	23
31	24	25	25	24	23	22	22	22	18	17	17	15	14	15	15	16	18	18	20	21	20	19	18	19	19
MEAN	19	19	19	19	19	20	19	18	17	17	17	16	16	16	16	17	17	17	17	18	19	19	19	19	18

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
STATION - SIMCOE HORTICULTURAL STATION										MONTH JUN 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	16	16	16	15	15	15	15	14	14	14	14	14	15	16	16	17	17	18	19	18	21	16
2	20	19	19	19	19	19	20	18	17	16	16	16	16	16	17	17	18	19	20	20	21	21	21	21	19
3	21	20	20	18	17	16	17	18	19	17	15	15	14	15	16	16	17	18	19	19	20	20	21	21	18
4	22	22	19	18	19	18	20	18	17	16	15	15	15	15	15	16	18	19	21	22	25	28	28	19	
5	25	23	22	22	22	22	22	19	18	17	15	15	16	17	7	17	17	19	21	23	22	23	20	20	20
6	19	17	16	16	16	18	16	15	15	14	14	14	14	14	14	15	15	15	17	16	16	15	15	15	15
7	15	15	15	15	15	15	15	15	15	13	13	13	13	13	12	12	13	14	14	14	14	14	14	15	14
8	15	15	14	14	14	14	14	13	13	13	13	13	13	13	15	15	16	16	16	16	17	18	18	17	15
9	21	19	19	18	19	17	17	15	13	13	12	12	13	13	14	15	17	18	18	17	15	15	15	16	16
10	14	14	13	13	13	13	12	11	10	14	15	15	15	15	15	16	16	16	15	15	15	15	15	15	14
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12	16	16	16	15	14	14	15	15	15	15	15	14	14	14	14	14	15	16	17	17	18	18	19	15	15
13	20	19	18	18	18	19	19	18	17	15	15	15	15	15	15	15	16	17	16	17	19	19	18	18	17
14	22	18	19	20	19	20	20	19	17	15	15	15	16	15	15	16	17	17	20	21	21	21	19	20	18
15	19	20	19	19	19	18	17	17	17	17	19	18	18	15	15	14	15	15	15	14	15	16	16	17	17
16	15	16	15	15	15	15	15	15	15	15	15	14	14	14	14	14	13	13	14	15	16	16	15	15	15
17	15	16	17	17	17	17	16	16	16	15	14	14	14	14	14	14	14	15	15	16	17	17	16	15	15
18	15	16	16	17	17	17	17	17	17	18	18	16	15	15	15	15	15	15	15	16	16	16	17	16	16
19	16	16	16	16	16	17	17	18	18	17	16	17	17	17	17	16	16	16	16	16	17	17	17	17	17
20	17	17	17	18	19	19	16	16	17	17	16	18	18	17	17	17	18	18	19	20	21	21	26	24	18
21	21	20	20	19	18	20	21	19	17	15	14	14	15	15	14	14	15	15	16	17	16	16	16	16	17
22	16	16	15	15	15	15	15	14	13	13	12	12	12	12	13	13	14	15	17	17	16	16	15	15	14
23	16	16	16	16	17	17	16	16	15	14	15	14	14	13	14	13	14	14	15	15	15	15	15	15	15
24	16	16	16	16	17	17	16	16	17	15	14	15	15	15	15	16	17	17	18	17	18	18	18	19	16
25	19	19	19	19	19	19	19	17	17	16	16	15	18	16	15	16	17	16	17	18	17	18	20	18	18
26	19	19	19	18	19	19	19	18	18	17	16	17	16	16	16	16	17	17	17	18	21	21	20	22	18
27	23	22	23	25	24	22	21	19	17	17	17	17	17	18	18	18	18	18	19	20	20	20	21	21	20
28	21	21	21	21	22	23	23	21	19	18	17	17	17	17	17	18	17	17	19	20	21	21	21	21	20
29	20	19	19	18	19	18	18	19	18	18	17	18	17	17	17	17	17	16	17	18	18	19	19	19	18
30	19	19	18	18	18	18	18	18	17	17	16	15	15	15	16	16	16	16	17	18	19	21	22	22	18
MEAN	18	18	18	18	18	18	17	17	16	16	15	15	15	15	15	15	16	16	17	18	18	18	18	18	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION																	
STATION - SIMCOE HORTICULTURAL STATION NO 16001										MONTH JUL 74																	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	22	20	20	21	20	18	17	17	15	15	15	15	15	16	17	16	17	19	19	21	20	20	18	18	18		
2	19	20	20	19	19	19	18	18	15	16	15	16	16	15	15	15	16	17	16	16	18	17	18	17	17		
3	16	16	17	17	18	18	18	18	17	17	17	17	17	19	20	21	22	23	23	25	25	23	23	23	20		
4	22	21	21	20	20	20	19	18	17	17	18	19	19	20	22	24	26	22	22	22	20	19	19	20	20		
5	18	17	17	17	17	19	17	17	17	17	17	16	15	15	15	15	16	17	18	19	20	21	21	21	17		
6	22	22	22	22	21	21	21	19	19	18	19	19	19	19	20	20	21	22	25	26	27	28	29	30	22		
7	25	23	24	25	22	23	21	21	20	19	19	21	16	17	17	18	19	21	22	24	23	20	19	19	21		
8	19	18	18	18	18	19	20	18	15	15	16	18	19	21	23	26	26	26	26	26	26	26	23	22	21		
9	20	20	20	21	21	22	21	18	17	17	19	21	22	24	25	25	24	25	25	26	26	23	22	20	22		
10	20	22	20	20	20	21	21	21	21	21	21	21	21	24	24	22	22	22	23	24	25	24	23	21	22		
11	21	21	21	20	20	19	19	18	18	17	17	17	17	17	17	17	18	19	19	21	23	22	23	22	19		
12	23	24	24	24	24	23	23	19	16	16	16	16	18	18	19	19	19	20	21	24	23	23	22	22	21		
13	22	21	21	22	22	25	24	19	18	18	19	19	19	22	23	23	23	23	26	26	26	25	24	22	22		
14	24	25	25	25	26	25	24	24	23	23	25	26	29	30	31	30	32	30	25	27	25	25	25	25	26		
15	23	23	25	25	25	25	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
16	20	20	20	20	19	19	19	19	19	17	17	17	17	17	17	17	18	19	19	21	24	23	24	22	19		
17	23	23	24	25	24	24	24	23	20	16	16	16	16	18	18	18	18	17	20	20	21	20	20	21	23	20	
18	22	22	23	21	22	22	21	19	18	18	18	17	18	18	18	18	20	22	22	22	22	22	21	21	20		
19	21	21	21	21	21	21	21	20	18	18	18	16	16	16	17	18	17	18	19	22	22	23	23	23	20		
20	22	22	21	21	21	21	20	20	19	19	19	19	19	18	18	18	18	18	19	22	21	21	23	23	20		
21	25	25	24	24	24	25	24	20	20	20	19	19	19	18	19	19	19	19	20	21	23	25	28	29	22		
22	29	28	28	29	29	30	27	23	21	21	21	15	15	15	15	15	15	15	17	18	20	21	21	21	21		
23	19	19	22	22	22	22	23	21	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
24	26	24	27	23	25	27	26	27	28	22	19	18	17	17	17	17	18	19	19	20	21	21	24	23	24		
25	26	24	27	23	25	27	26	27	28	22	19	18	17	17	17	17	18	18	18	18	18	22	22	22	22		
26	22	22	25	25	25	22	23	24	22	21	18	17	17	16	16	16	16	17	17	18	19	20	21	20	20		
27	22	21	19	19	20	21	21	18	17	17	17	17	17	18	18	18	18	19	20	21	21	21	20	20	19		
28	20	20	20	21	21	21	21	18	18	15	15	15	15	16	17	17	19	21	24	25	23	21	19	19	19		
29	19	18	18	18	18	17	17	15	14	15	15	15	15	15	15	15	16	16	17	18	18	19	19	19	17		
30	21	20	19	19	21	22	21	19	17	17	16	17	17	16	17	16	17	18	18	18	19	19	19	18	18		
31	21	22	21	21	21	22	21	19	17	16	17	17	17	17	18	18	18	18	19	19	19	20	22	21	19		
MEAN	22	21	22	21	21	22	21	20	19	18	18	18	18	18	19	19	19	20	20	22	22	22	22	22	20		
PERCENTAGE OF DATA VALID -				95																							

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
STATION - SIMCOE HORTICULTURAL STATION										NO 16001															
MONTH AUG 74																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	24	24	23	22	22	22	21	19	18	18	18	18	19	19	20	21	22	21	21	25	25	25	24	21
2	24	24	24	23	25	23	23	24	23	23	22	21	18	19	19	20	21	23	25	26	27	26	29	27	23
3	27	27	27	22	23	24	23	22	21	21	21	20	19	20	20	19	19	19	21	22	25	25	25	25	21
4	23	22	21	21	21	22	21	20	20	20	20	18	18	18	19	19	20	19	19	21	21	21	21	21	20
5	21	22	23	22	22	22	21	20	19	18	18	18	17	17	17	18	18	18	20	23	21	22	22	20	
6	23	22	23	23	23	23	23	21	20	18	18	15	16	16	16	16	17	18	18	19	21	21	24	25	20
7	23	23	25	25	25	25	23	19	18	19	18	18	19	19	19	19	20	20	23	25	26	24	25	28	22
8	25	26	27	25	24	22	22	22	22	22	17	16	16	18	17	17	17	17	17	17	17	17	17	17	21
9	19	19	20	18	18	18	18	18	17	16	15	14	14	15	15	15	16	16	17	18	19	19	19	17	18
10	19	19	18	19	18	18	17	14	14	15	15	15	15	15	16	17	18	20	21	20	20	20	19	18	18
11	19	20	19	19	19	19	17	16	15	15	16	17	17	17	17	17	18	19	19	20	20	19	20	21	18
12	20	19	18	18	18	18	18	18	18	18	18	17	17	17	18	18	19	21	21	22	24	24	22	21	20
13	23	23	23	23	24	23	22	23	23	21	20	19	20	20	20	21	21	21	21	21	23	24	24	23	23
14	22	22	22	22	22	22	20	19	18	18	19	20	20	20	21	22	24	24	24	26	31	28	28	28	23
15	26	26	25	23	23	24	23	22	20	20	21	21	19	20	21	21	22	23	24	23	25	23	22	22	22
16	25	23	23	24	23	24	23	19	18	18	17	18	18	18	18	20	21	22	24	25	25	26	23	24	22
17	22	21	19	19	20	23	21	19	19	19	19	18	16	16	16	17	19	21	21	21	20	21	23	21	20
18	19	20	18	22	22	21	21	17	17	18	17	19	18	19	20	21	21	22	23	23	22	21	21	20	20
19	21	20	19	19	19	19	19	19	19	19	16	17	17	17	18	19	20	21	22	24	25	25	24	22	20
20	21	22	23	24	25	23	27	25	25	22	20	20	20	22	23	24	25	26	29	30	31	31	30	29	25
21	29	28	27	27	27	26	29	27	26	24	25	25	25	26	27	28	29	29	30	32	34	35	35	34	29
22	29	29	29	29	29	27	25	24	23	22	20	19	19	19	19	21	21	23	26	26	28	27	26	25	24
23	25	25	26	25	25	26	25	22	19	17	16	16	14	14	15	16	17	17	17	17	17	17	17	17	20
24	19	18	18	18	17	17	16	16	15	14	13	12	10	11	11	12	12	13	13	15	16	17	20	19	13
25	19	18	18	18	17	17	16	16	15	14	13	12	10	11	11	12	12	13	13	15	16	17	20	19	13
26	19	18	18	18	17	17	16	16	15	14	13	12	10	11	11	12	12	13	13	15	16	17	20	19	13
27	17	15	15	15	15	16	18	17	15	15	16	15	14	15	15	15	15	15	17	18	18	17	17	17	17
28	18	18	18	20	19	19	19	18	17	16	15	15	15	15	15	16	17	18	18	20	21	22	21	21	18
29	22	21	20	19	17	17	19	19	20	18	16	17	16	16	16	17	17	19	21	22	22	22	22	22	19
30	22	21	21	21	21	20	21	20	19	20	20	14	15	15	16	16	17	18	20	21	22	22	22	21	19
31	21	20	20	21	21	20	19	19	19	18	18	18	18	17	16	16	17	17	19	20	20	20	21	21	19
MEAN	22	22	22	22	21	22	21	20	19	18	18	17	17	17	18	18	19	20	21	22	23	23	23	23	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	24	25	24	24	22	24	24	23	22	20	19	19	19	19	19	20	21	20	22	23	23	22
2	23	23	22	22	23	25	25	25	25	25	24	23	21	22	22	22	22	24	25	25	25	25	26	26	24
3	27	27	28	28	28	29	29	29	29	31	31	30	16	15	15	14	12	13	12	10	11	12	13	13	20
4	16	17	17	17	17	17	19	19	17	15	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	13	14	13	14	15	17	19	18	16
5	19	18	19	20	20	20	21	20	17	15	14	15	15	15	15	15	15	18	18	19	20	20	21	18	
6	23	23	24	23	23	23	26	26	21	17	17	14	14	15	15	16	16	17	18	20	20	21	24	23	20
7	23	22	22	24	27	31	30	29	27	21	17	16	17	17	17	18	19	19	20	22	25	25	24	23	22
8	23	23	22	24	23	23	24	25	23	21	20	21	21	20	20	20	20	22	23	24	25	24	24	24	22
9	24	24	24	24	25	26	26	26	26	17	14	14	14	15	14	15	15	16	18	18	18	18	18	18	19
10	18	18	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
11	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	16	16	15	16	16	16	17	19	20	21	21	21	0.0.0.0
12	21	21	20	19	19	19	19	19	20	19	19	19	18	17	18	17	17	17	18	18	21	21	22	22	19
13	22	23	22	21	20	21	21	20	15	15	15	15	17	17	17	17	17	18	18	19	19	20	20	20	19
14	20	21	21	21	21	26	27	24	23	22	21	20	20	19	19	20	21	22	23	23	23	23	23	23	22
15	25	26	26	26	27	27	27	26	24	22	21	20	19	19	19	19	19	20	21	22	20	20	21	25	22
16	24	25	25	25	25	27	30	34	28	14	13	12	11	11	11	10	10	11	13	13	12	13	13	15	18
17	19	19	17	17	17	17	17	16	13	11	11	11	11	10	10	11	11	12	13	13	12	12	11	11	13
18	12	14	14	15	15	17	18	18	18	17	16	15	13	12	12	11	11	13	14	13	14	20	15	15	15
19	15	19	17	18	18	17	21	19	15	13	12	11	11	11	11	9	10	10	13	14	14	14	14	14	14
20	14	14	14	13	12	12	13	14	14	14	14	13	13	13	13	14	13	14	15	15	17	18	17	17	14
21	17	17	16	17	17	18	19	20	21	19	20	21	19	17	15	15	16	16	19	21	21	24	23	24	19
22	25	25	25	25	25	24	24	25	25	25	24	24	23	23	22	22	22	22	23	23	24	25	25	26	24
23	31	33	33	31	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	21	22	21	22	21	22	23	23	21	19	18	17	16	16	16	16	16	17	18	18	19	20	20	20	19
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	17	12	8	5	3	4	4	3	3	3	2	0.0.0.0
5	3	2	3	3	3	4	5	5	3	1	0	0	0	0	0	0	0	0	1	1	1	3	3	4	2
6	4	5	6	6	7	7	6	6	6	5	3	3	1	1	1	0	0	1	3	4	5	5	5	7	4
7	9	12	13	15	16	18	19	20	21	21	0.0.0.0	8	9	10	9	9	10	11	11	12	13	13	13	14	13
8	15	17	17	18	21	24	26	27	30	35	29	29	28	26	22	20	19	19	19	19	20	19	19	20	22
9	22	25	23	21	21	21	21	21	20	18	18	10	9	7	7	7	7	9	9	8	8	8	9	9	14
10	10	11	13	12	14	14	13	14	15	12	11	10	9	8	8	8	8	9	10	11	11	11	13	12	11
11	13	12	12	14	14	15	16	16	15	13	0.0.0.0	17	16	15	15	16	15	15	17	19	20	23	21	18	16
12	19	20	20	20	21	21	19	19	19	20	19	19	19	19	17	17	17	17	17	17	17	17	18	19	19
13	0.0.0.0	20	20	21	21	20	21	21	21	21	21	21	19	19	19	18	17	16	16	16	17	18	18	19	
14	18	18	18	18	20	20	20	19	19	17	16	15	15	15	15	15	14	14	15	15	16	16	15	15	17
15	16	16	17	17	17	18	18	18	18	18	19	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	49	48	46	47	49	50	52	52	51	50	51	0.0.0.0
29	53	54	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0
30	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	15	15	14	14	14	14	14	14	16	15	15	15
31	15	15	14	14	14	14	14	14	14	14	13	14	14	14	14	14	14	14	15	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	14
MEAN	16	17	15	15	16	16	17	17	17	16	15	13	13	15	14	14	13	14	14	15	15	16	16	16	15
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SIMCCE HORTICULTURAL STATION

NO 16001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	15	15	16	17	17	18	17	17	17	17	18	0.00
2													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
4																									
5	0.00	0.00	16	17	17	17	17	17	17	17	17	17	17	18	17	17	18	19	20	21	20	18	18	17	18
6	18	18	19	18	19	19	19	20	21	21	21	22	18	17	17	17	17	18	19	21	21	22	23	23	20
7	23	24	24	24	24	23	23	23	23	23	23	22	20	19	18	16	13	13	14	15	14	15	16	15	19
8	13	14	15	15	17	19	22	20	22	24	22	14	12	11	10	9	8	7	7	9	10	9	10	10	14
9	11	12	13	14	15	16	18	19	21	25	21	20	20	16	13	12	11	12	11	12	10	11	11	10	15
10	8	10	10	11	9	10	9	10	10	9	11	11	11	10	11	8	7	6	5	5	5	5	5	5	8
11	5	5	5	5	5	5	5	5	6	5	5	5	4	4	3	3	2	2	2	1	1	1	1	1	4
12	1	1	1	2	3	3	2	2	2	2	2	0.00	18	17	17	16	16	16	17	17	18	17	20	21	11
13	21	22	20	20	19	19	20	21	20	19	19	18	18	18	19	18	19	19	19	19	19	19	18	18	19
14	18	18	18	18	18	18	19	19	19	19	19	19	20	20	20	20	20	21	21	21	21	21	21	21	20
15	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
16	21	21	21	22	22	22	21	22	22	22	21	21	20	20	19	19	20	19	19	19	19	20	20	21	21
17	20	20	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	19	21	19	19	19	19	19	19
18	19	19	21	22	21	19	19	20	21	21	21	22	21	18	17	17	17	18	19	19	18	20	23	20	20
19	17	17	17	17	18	18	19	21	20	19	19	18	18	18	19	20	21	21	22	23	23	22	21	20	20
20	21	21	21	22	19	17	17	17	18	17	16	17	17	19	20	21	21	20	20	20	20	19	19	19	19
21	18	18	18	18	18	18	18	18	18	18	17	17	17	18	18	18	19	19	19	19	20	20	20	20	18
22	19	19	19	19	18	19	19	19	19	19	19	18	17	16	16	16	16	17	17	17	18	18	19	19	18
23	19	20	20	19	20	20	20	20	19	19	19	19	18	18	18	19	19	19	19	19	20	19	19	18	19
24	18	17	17	17	17	17	17	17	17	17	17	17	17	17	15	15	16	16	17	17	17	17	17	17	17
25	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	16	16	17	17	17	18	18	16	16
26	18	19	19	19	19	19	19	19	19	19	19	18	18	17	17	17	17	18	18	21	21	21	24	22	19
27	19	19	20	19	19	20	21	21	19	18	17	17	17	17	17	22	22	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21	19	19	19	20	21	21	21	21	21	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22	21	21	21	21	21	21	21	21	21	21	22	22	0.00
MEAN	17	17	17	17	17	17	17	18	18	18	18	18	17	17	17	17	17	17	17	17	17	17	18	17	17

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	22	22	22	23	23	21	22	22	21	21	20	20	20	20	20	20	20	20	20	19	19	21	
2	18	18	18	18	18	18	18	18	18	19	18	17	17	17	17	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	21	21	21	21	21	22	22	23	23	22	22	21	21	21	21	21	21	24	26	27	27	31	27	28	
5	26	23	23	22	23	23	20	21	20	20	18	18	16	16	16	16	16	16	16	16	17	17	17	19	
6	17	18	20	21	21	21	20	21	20	20	18	22	22	17	17	17	17	19	21	22	21	22	21	20	
7	23	24	22	22	22	21	20	20	21	20	20	22	19	18	18	17	17	18	18	18	18	17	17	20	
8	17	16	16	16	16	16	16	17	17	17	18	18	18	19	19	20	21	20	19	19	19	20	20	18	
9	21	21	21	21	21	22	23	23	24	24	23	0.00	17	18	18	17	17	17	17	17	17	17	17	20	
10	18	17	18	19	18	18	18	18	18	17	17	16	15	16	16	16	16	17	17	16	15	16	16	17	
11	16	17	17	18	19	19	21	20	21	20	19	19	18	18	19	21	20	19	18	18	18	19	19	19	
12	19	19	19	18	19	17	17	17	16	16	14	15	14	15	15	17	17	17	18	19	19	20	20	17	
13	20	20	20	20	20	20	20	21	21	19	19	20	20	17	18	17	19	16	17	18	21	20	19	19	
14	18	16	15	15	15	15	15	15	16	16	16	16	15	15	15	15	15	17	18	18	19	21	16	16	
15	21	20	20	19	20	20	21	21	20	19	19	19	18	17	17	17	17	17	17	17	17	17	17	19	
16	16	16	16	16	17	17	17	17	17	16	16	16	14	14	15	15	15	15	16	16	16	17	16	16	
17	15	15	15	15	15	15	15	15	16	15	15	15	15	15	15	16	16	17	17	17	15	15	15	15	
18	15	15	15	15	15	15	16	16	17	17	17	17	17	17	18	18	18	18	18	18	17	17	15	15	
19	15	15	15	15	14	14	14	15	15	14	14	14	14	15	15	15	15	13	14	15	15	16	17	15	
20	17	17	17	17	17	17	18	18	19	18	17	17	16	16	16	16	16	17	18	18	19	21	20	18	
21	19	19	18	19	19	19	20	20	21	23	18	16	16	17	17	18	19	20	19	18	19	18	17	16	
22	16	17	17	17	18	18	19	19	19	18	19	19	19	18	16	17	17	18	18	19	20	20	19	18	
23	19	19	19	19	18	17	18	18	18	18	17	17	17	17	17	18	19	19	19	20	20	20	21	19	
24	20	19	19	17	17	17	17	15	14	14	14	14	14	14	14	14	14	19	16	16	18	15	15	16	
25	15	17	19	16	15	15	15	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	18	17	
26	18	18	19	19	19	20	21	21	21	20	19	19	19	18	18	19	19	20	20	20	20	20	20	20	
27	20	19	18	18	18	18	17	17	17	17	17	17	17	16	16	16	16	16	17	17	17	17	16	17	
28	16	21	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	17	17	17	17	
29	17	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	15	15	16	17	16	
30	17	17	17	16	17	17	17	16	16	16	15	17	16	15	15	15	15	15	16	17	20	24	21	17	
31	24	22	22	24	23	21	22	23	25	23	20	19	17	17	17	17	17	17	17	16	17	17	17	16	
MEAN	19	19	18	18	18	18	18	19	19	18	18	17	17	17	17	17	17	18	18	18	18	19	18	18	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	19	23	30
FEB	28	19	28	34
MAR	31	17	21	30
APR	23	17	21	27
MAY	31	18	23	29
JUN	30	17	20	28
JUL	31	20	26	32
AUG	31	20	29	35
SEP	23	19	24	34
OCT	16	15	22	54
NOV	26	17	21	25
DEC	31	18	23	31
YEAR	332	18	29	54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	468	244	0	0	0	0	0	712
FEB	56	308	276	15	0	0	0	0	655
MAR	7	581	140	0	0	0	0	0	728
APR	0	424	84	0	0	0	0	0	508
MAY	0	540	200	0	0	0	0	0	740
JUN	1	625	92	0	0	0	0	0	718
JUL	0	335	374	2	0	0	0	0	711
AUG	2	317	377	8	0	0	0	0	704
SEP	8	247	230	8	0	0	0	0	493
OCT	86	156	48	14	0	0	0	0	304
NOV	65	335	179	0	0	0	0	0	579
DEC	0	540	175	1	0	0	0	0	716
YEAR	225	4876	2419	48	0	0	0	0	7568

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	13.6	16.0	17.5	19.3	22.5	24.5	27.3	28.9	54	18.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	19	20	19	19	17	17	18	18	18	18	18	18	18	18	19	19	20	20	22	20	20	20	20	19
2	20	20	20	20	20	22	24	24	25	24	24	24	25	23	23	27	29	26	22	21	21	21	22	23	23
3	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
4																									
5																									
6																									
7																									
8																									
9	19	18	18	19	19	19	20	23	18	18	17	17	18	18	18	18	17	17	17	19	19	18	17	18	18
10	18	18	17	17	19	17	17	19	18	19	21	21	21	21	21	20	21	20	19	19	19	19	19	19	19
11	17	17	17	17	17	16	16	16	17	16	18	18	18	18	20	19	19	21	22	25	23	22	22	22	19
12	21	21	21	21	21	22	22	22	19	19	19	21	20	20	21	20	20	20	20	20	21	21	21	22	21
13	21	22	22	22	22	22	23	23	23	23	23	23	23	23	23	21	21	21	22	22	22	27	29	28	23
14	29	31	28	29	28	26	38	48	51	24	21	21	22	20	18	17	17	17	17	17	17	17	18	18	25
15	17	17	17	17	17	17	18	19	18	17	17	18	17	17	17	20	19	19	19	19	19	16	16	15	18
16	19	19	17	19	16	14	17	15	15	21	21	21	22	25	26	28	31	30	28	27	24	23	25	26	22
17	21	21	23	23	23	24	25	27	28	28	30	28	26	26	27	26	31	30	28	25	25	25	25	25	26
18	26	26	26	26	26	26	26	28	27	29	29	29	19	19	21	20	18	17	17	17	17	17	21	18	22
19	21	21	18	18	23	25	27	28	24	19	18	19	16	13	16	16	17	17	15	15	15	15	15	16	19
20	18	23	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
21																									
22	11	11	11	11	11	13	14	14	14	14	15	15	14	15	17	20	21	27	25	22	21	16	17	16	16
23	15	14	10	20	18	11	13	14	14	14	14	14	17	15	15	15	16	16	16	15	15	15	15	16	15
24	16	15	15	15	15	15	18	20	21	20	20	20	17	17	17	17	18	19	18	17	18	18	17	17	17
25	17	17	17	17	17	17	19	21	24	20	20	19	20	18	18	17	18	19	19	19	18	18	19	18	19
26	18	18	18	17	17	17	19	21	22	22	23	23	25	29	25	28	24	27	28	23	25	25	24	19	22
27	15	15	14	13	13	15	15	15	16	18	18	18	16	16	17	17	17	17	19	19	18	18	16	17	16
28	18	18	18	17	17	17	19	24	30	25	24	23	23	25	30	25	25	24	26	23	25	28	32	24	23
29	20	18	17	17	17	17	20	24	27	22	22	20	19	19	19	22	24	24	25	23	25	22	21	20	21
30	18	18	17	17	15	15	16	16	17	17	16	17	16	19	18	18	21	20	20	19	18	18	17	17	18
31	15	15	15	15	15	15	17	19	20	18	16	15	16	16	17	17	18	17	18	18	17	16	18	17	17
MEAN	19	19	18	19	18	18	20	22	22	20	20	20	20	20	20	21	22	21	21	20	20	20	20	19	20

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	15	15	15	16	18	19	18	16	18	18	19	21	21	20	20	20	20	21	22	24	24	22	19
2	20	20	20	20	20	19	19	22	22	22	23	22	21	21	21	21	20	20	20	22	21	21	20	21	21
3	23	22	22	22	22	22	22	22	22	22	24	22	21	23	23	22	22	22	21	21	21	21	21	21	22
4	24	24	24	24	23	23	24	26	26	26	26	20	18	17	17	16	17	17	17	17	17	18	18	19	21
5	19	19	19	18	18	18	21	23	24	22	21	19	19	19	19	21	21	21	21	21	21	21	21	21	20
6	19	19	19	20	20	20	21	24	24	25	26	29	23	23	24	29	30	25	26	26	26	25	24	24	24
7	23	21	22	22	21	21	29	24	24	24	25	25	23	23	24	30	34	34	34	36	32	31	30	26	26
8	30	30	28	28	28	30	37	35	38	46	41	25	21	19	17	18	19	20	23	24	23	25	27	25	27
9	23	22	20	20	19	19	21	22	27	25	23	21	21	25	24	23	22	21	21	21	21	21	21	22	22
10	21	21	21	20	20	20	21	22	21	21	21	21	21	21	21	21	22	21	20	21	21	21	19	19	21
11	20	19	19	19	19	19	21	22	24	22	16	18	17	17	17	19	21	19	19	18	22	21	19	19	19
12	16	17	17	17	17	17	21	23	25	22	20	19	19	21	22	23	27	26	26	27	27	22	24	18	21
13	16	16	16	17	17	17	18	22	23	21	20	22	23	23	23	23	21	21	21	17	17	17	17	16	19
14	18	18	22	22	21	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	18	17	16	16	16	17	18	19	20	20	20	20	20	19	19	21	22	23	25	25	24	24	24	24	20
27	23	21	21	21	20	20	22	23	22	21	19	19	19	27	24	26	29	32	36	35	35	32	31	30	26
28	31	30	30	29	27	27	28	29	30	28	28	28	29	28	29	28	29	32	31	31	31	32	34	37	30
MEAN	21	21	21	21	20	21	23	24	25	24	23	21	21	21	21	22	23	23	23	23	24	23	23	23	22

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAY 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	25	22	21	20	19	19	21	20	22	20	20	22	22	24	22	21	20	22	25	22	24	26	29	26	
13	18	19	19	20	22	27	28	24	22	24	22	22	22	22	23	23	22	23	30	30	35	36	37	37	21
14	37	37	34	32	32	31	30	30	29	32	36	24	24	22	20	21	19	18	19	19	20	21	22	19	26
15	21	26	24	24	25	26	27	29	30	28	28	28	30	30	28	30	31	29	30	30	32	33	32	32	28
16	32	33	33	34	34	38	42	37	32	35	33	33	37	35	37	38	36	40	41	37	35	37	38	37	40
17	33	53	39	45	35	33	60	78	49	35	34	32	32	35	35	39	39	37	39	38	37	35	37	36	37
18	37	36	35	36	36	37	39	36	37	36	37	37	35	35	37	37	37	37	39	42	43	46	45	46	38
19	35	37	39	41	35	35	35	35	35	35	35	36	38	38	37	37	37	37	39	42	43	46	45	46	38
20	47	45	47	45	44	53	43	44	44	43	42	41	43	43	42	40	37	35	35	37	38	41	45	48	43
21	50	48	48	48	49	50	51	47	48	47	48	49	51	48	43	42	35	33	35	38	37	42	50	36	45
22	30	36	39	43	60	73	69	65	46	43	24	23	21	20	20	21	19	18	19	18	18	19	19	18	33
23	19	19	19	18	20	23	23	22	22	21	20	20	20	21	18	17	19	18	17	17	17	16	16	16	18
24																									
25	16	16	15	15	15	16	16	16	16	17	18	18	18	19	21	18	18	19	21	21	21	21	21	21	18
26	22	22	21	21	21	21	21	22	22	22	23	23	22	22	23	23	24	24	24	26	28	25	24	23	
27	24	25	26	26	26	30	31	29	24	24	22	23	24	23	25	28	26	29	28	26	29	35	38	30	27
28	27	27	26	25	27	30	29	30	27	25	25	28	26	26	26	28	28	24	26	27	25	25	23	22	26
29	22	22	22	22	23	25	27	37	41	45	42	42	37	37	36	32	32	33	35	32	30	30	34	35	32
30	39	43	35	32	34	40	43	44	40	37	33	33	30	25	23	19	17	19	23	21	23	28	23	30	
31	24	26	16	15	15	19	22	26	24	26	27	16	13				17	19	17	17	20	22	22	21	20
MEAN	29	31	29	30	30	33	35	35	32	31	29	28	29	28	28	28	27	26	28	28	28	30	31	29	30

PERCENTAGE OF DATA VALID - 62

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUN 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24																								
2																									
3	29	30	33	28	28	30	33	30	26	25	27	27	26	27	28	31	28	26	25	24	25	25	28	32	28
4	31	30	29	30	33	31	34	32	34	29	28	28	26	27	30	28	24	24	25	27	28	32	35	33	30
5	34	34	33	33	35	44	49	45	42	41	39	37	34	32	31	30	28	28	31	39	41	44	46	50	38
6	56	64	52	53	55	62	69	65			56	52	39	32	34	35	39	39	40	45	53	51	51	52	50
7	57	52	44	44	42	48	36	38	43	37	29	32	33	32	33	32	36	33	39	42	43	41	62	99	43
8	74	75	57	48	45	46	43	41	36	33	32	32	32	32	37	43	47	52	49	50	51	52	55	60	47
9	67	73	75	71	64	59	54	48	42	39	34	31	28	25	23	21	19	18	20	22	23	24	24	24	39
10	25	25	25	27	29	31	31	30			17	18	19	19	22	19	19	19	18	18	17	17	16	17	22
11	16	16	16	17	17	18	17	18			24	22	24	19	19	19	17								
12											23	22	22	23	23	24	23	24	23	24	25	25	24	23	23
13	24	22	21	21	22	24	26	24	23	18	18	19	19	19	19	21	21	19	19	19	20	20	18	19	21
14	21	21	28	28	27	32	30	35	24	25	27	24	27	24	22	22	19	26	27	23	32	33	35	30	27
15	30	30	28	29	28	31	24	26	17	24	22	22	22	23	22	18	17	21	17	18	18	19	21	23	23
16	22	17	18	16	16	16	16	16	17	18	19	20	21	19	20	17	17	15	16	16	19	16	16	15	17
17	15	15	15	16	17	17	19	17	17	18	17	17	17	19	19	21	18	17	19	19	17	18	19	18	18
18	15	16	20	15	15	20	21	21	22	19	22	20	20	23	18	21	17	18	19	31	23	18	17	17	20
19	18	17	16	16	19	29	30	33	22	26	30														
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	33	34	32	31	31	34	33	32	28	26	27	27	26	25	25	25	24	25	26	28	29	29	31	34	29

PERCENTAGE OF DATA VALID - 54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3																									
4	16	16	16	16	17	17	20	18	18	18	18	19	19	19	18	19	17	16	18	23	32	36	23	16	21
5	15	14	15	15	15	17	18	17	17	17	17	18	18	18	18	18	18	17	17	19	19	20	22	21	18
6	25	23	25	22	21	23	22																		
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	19	19	19	19	19				17	18	17	17	17	17	17	19	18	17	18	18	18	19	18	20	18
31	20	18	17	17	17	20	20	21	21	19	18	18	19	19	19	20	19	18	18	19	20	24	28	26	20
MEAN	19	18	18	18	18	19	20	19	18	18	18	18	18	18	19	20	18	17	17	19	21	23	21	19	19

PERCENTAGE OF DATA VALID - 15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	26	23	30	28	30	28	28	23	17	16	16	16	17	17	18	17	16	17	18	17	17	20	19	21
2	18	18	20	21	23	24	30	24	24	22	21	22	20	21	22	22	20	20	21	20	21	27	23	22	22
3	25	18	17	17	16	17	18	17	17	17	17	17	17	17	17	17	16	16	16	16	17	18	18	17	17
4	17	17	16	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	16	17	18	18	17	16
5	18	17	17	17	18	18	19	19	19	19	19	19	19	18	19	21	20	20	20	19	22	28	32	29	20
6	24	26	24	26	24	26	26	31	28	24	23	22	21	22	21	22	21	21	21	21	22	24	27	28	24
7	25	25	26	28	35	37	41	50	50	50	24	24	18	18	16	14	15	15	14	13	14	17	26	27	27
8	30	36	30	32	23	25	32	41	35	26	20	19	16	15	14	16	14	14	17	15	19	19	50	50	23
9	16	16	15	15	15	17	20	18	19	18	16	15	14	14	13	15	14	13	14	14	14	14	15	15	15
10	16	16	15	15	15	17	20	18	15	15	15	15	15	15	16	15	15	15	15	17	19	19	18	18	16
11	16	17	17	19	20	23	18	16	16	15	13	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12	16	17	17	19	20	23	18	16	16	15	13	18	18	17	17	23	25	25	24	24	23	23	24	25	30
13	27	29	43	29	25	25	28	28	27	26	26	26	26	25	24	23	24	24	24	23	24	23	24	24	26
14	25	22	24	24	26	23	25	25	26	25	26	26	28	26	26	26	26	26	28	31	33	29	26	24	26
15	28	31	27	27	29	33	37	34	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
16	17	16	15	15	15	17	20	18	16	15	15	13	13	13	13	11	10	11	11	13	14	14	15	15	14
17	16	16	15	15	15	15	15	17	16	15	14	15	15	15	14	50	50	50	50	50	50	50	50	50	50
18	16	16	15	15	15	15	15	17	16	15	14	15	15	15	14	50	50	50	50	50	50	50	50	50	50
19	18	19	19	18	20	23	32	33	38	30	32	29	27	24	22	19	17	16	17	15	16	18	17	19	18
20	18	19	19	18	20	23	32	33	38	30	32	29	27	24	22	19	17	16	17	15	16	18	17	19	18
21	22	31	32	29	33	42	49	30	39	34	26	22	24	21	17	18	17	15	50	50	50	50	50	50	50
22	18	19	21	20	21	30	34	50	20	19	18	18	17	17	17	18	17	17	18	18	19	19	19	18	18
23	18	19	21	20	21	30	34	50	20	19	18	18	17	17	17	18	17	17	18	18	19	19	19	18	18
24	17	17	18	17	18	19	19	19	18	18	18	17	18	18	18	18	17	17	17	17	17	17	17	17	18
25	18	17	17	21	22	22	22	23	25	23	20	19	19	19	19	18	18	18	18	19	20	22	21	19	20
26	20	19	24	32	25	30	44	40	30	28	21	21	19	19	20	19	18	18	18	18	18	18	18	18	18
27	18	18	18	18	18	19	21	17	17	17	18	18	17	18	18	18	18	17	17	18	18	18	18	18	18
28	23	22	22	22	24	26	28	27	22	22	21	21	23	26	27	29	24	25	23	23	24	23	22	21	24
29	19	19	19	22	22	23	23	25	29	26	25	22	19	18	23	27	23	22	26	28	32	26	25	22	24
30	21	20	20	19	19	23	26	27	22	22	23	27	30	34	34	35	30	28	28	28	28	26	25	22	26
31	25	25	24	24	23	24	25	23	22	24	25	23	22	21	21	21	22	21	22	22	24	25	27	26	23
MEAN	21	21	22	22	22	24	27	25	23	21	20	20	19	19	19	20	19	18	19	19	20	21	21	21	21

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	37	33	25	28	30	28	26	26	26	22	22	22	22	21	21	21	22	24	21	21	21	21	21	25
2	22	22	22	24	24	24	24	24	23	22	22	24	22	22	22	23	22	22	22	22	21	22	23	23	23
3	22	24	22	22	24	25	26	24	26	***	19	20	19	17	18	19	19	19	22	23	21	18	20	22	21
4	21	20	19	19	20	20	24	24	23	19	19	19	21	22	20	19	20	20	21	22	30	27	29	28	22
5	24	25	25	25	25	30	36	35	32	***	***	19	18	17	18	25	19	21	22	30	31	26	27	50	26
6	49	40	39	35	41	37	30	29	26	20	18	18	18	19	18	19	18	19	19	20	24	28	30	28	27
7	21	24	23	23	22	22	20	20	19	21	19	19	18	18	18	18	19	19	20	23	26	26	39	44	23
8	45	35	33	31	20	21	22	20	20	19	19	19	19	19	19	19	19	20	19	20	19	19	19	18	22
9	18	18	17	18	17	21	22	***	19	19	18	17	17	17	18	20	18	18	18	18	17	17	17	17	18
10	16	15	15	16	16	21	22	21	20	19	18	17	17	18	18	21	19	17	20	19	17	17	16	16	18
11	17	17	17	16	16	17	18	18	17	17	17	17	17	17	17	18	18	19	19	17	16	17	17	16	17
12	15	15	15	15	15	17	20	18	18	17	17	17	16	15	15	16	17	17	17	16	17	17	16	15	16
13	15	14	15	14	13	14	15	16	15	15	16	16	17	18	18	18	17	18	17	17	18	17	17	19	16
14	19	19	17	16	17	18	19	19	17	18	18	20	17	17	17	18	17	17	19	19	19	18	20	19	18
15	19	17	17	17	16	16	16	16	17	18	16	16	16	16	16	17	17	16	17	17	16	17	17	17	17
16	17	19	17	17	17	17	22	20	16	15	15	15	15	15	17	19	16	17	18	18	16	19	19	19	17
17	24	29	19	38	16	17	19	17	17	18	15	14	14	16	17	18	18	15	20	19	17	16	14	13	18
18	13	14	15	16	17	17	18	19	19	19	16	16	16	19	19	23	19	20	22	26	32	24	24	19	19
19	26	30	28	28	31	46	56	48	37	30	16	13	13	16	18	19	19	18	17	16	15	16	15	16	20
20	24	24	25	24	25	26	27	24	21	20	19	19	20	21	22	20	16	15	15	13	13	13	13	13	20
21	17	14	15	15	15	15	17	17	18	16	14	13	10	7	7	9	13	11	11	13	12	17	11	10	13
22	11	11	10	10	10	11	9	9	10	9	9	10	9	9	9	13	11	10	10	10	13	13	15	13	11
23	14	13	14	14	16	28	24	23	15	14	14	13	13	14	14	15	13	13	14	16	25	29	70	51	20
24	57	40	39	39	42	41	52	40	22	17	16	16	16	16	16	16	16	17	17	19	20	24	16	14	26
25	13	13	14	14	14	17	17	17	16	15	15	13	13	15	16	16	16	17	17	17	18	22	25	30	17
26	30	27	21	17	21	28	28	27	34	20	15	15	16	16	17	17	16	16	16	16	15	15	17	18	20
27	15	15	14	15	15	16	19	19	18	19	19	18	17	17	19	22	19	26	39	41	37	30	29	22	22
28	30	25	24	22	22	21	22	24	17	16	17	17	18	17	17	18	18	20	20	22	27	22	21	21	21
29	14	14	14	14	16	15	14	13	13	13	12	13	12	13	13	13	13	13	13	13	13	14	14	13	13
30	14	14	14	14	15	17	19	***	17	18	17	16	18	21	23	24	25	19	19	16	17	17	21	18	18
MEAN	22	21	20	20	20	22	24	22	20	18	17	17	16	17	17	18	18	18	19	19	20	20	22	22	20

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	17	17	19	20	22	19	20	17	17	16	17	17	17	17	18	17	16	16	18	16	16	18
2	17	17	17	17	17	19	20	22	17	16	16	15	15	14	15	15	16	15	17	22	18	17	19	17	17
3	18	17	16	16	17	19	22	20	19	17	15	14	14	15	15	16	15	16	23	20	18	17	18	17	17
4	17	19	24	26	21	22	28	23	19	17	17	17	17	17	17	18	17	17	17	17	17	15	15	15	19
5	15	15	15	15	15	16	15	15	15	15	15	14	14	14	14	13	13	13	14	14	14	13	14	14	14
6	15	14	14	13	13	14	14	13	14	14	13	14	14	14	13	12	13	13	12	11	11	11	11	11	13
7	10	10	10	11	11	13	13	17	15	16	15	15	15	15	17	17	17	16	16	17	18	19	19	18	15
8	17	17	16	16	17	21	26	22	19	16	15	16	15	14	16	19	17	17	17	17	16	21	20	22	18
9	17	19	19	21	15	18	18	19	17	17	17	17	17	17	18	20	17	17	17	16	17	17	17	18	18
10	19	18	17	17	15	17	19	19	19	19	17	18	17	17	17	18	18	17	19	18	26	28	18	18	19
11	19	21	24	26	30	37	44	39	21	22	22	22	19	20	26	28	28	30	25	26	35	39	44	24	28
12	17	18	17	17	16	17	17	18	17	18	21	17	16	17	19	18	20	17	14	13	12	13	13	***	17
13	- DATA MISSING -																								
14	- DATA MISSING -																								
15	***	***	***	***	***	***	***	***	***	16	16	15	17	17	18	19	19	18	19	19	19	18	18	16	***
16	16	***	***	***	***	***	***	34	26	21	20	22	22	22	23	24	23	27	24	25	22	18	17	16	22
17	15	15	15	14	14	16	17	17	16	16	17	16	16	16	16	17	17	17	18	18	18	18	18	19	17
18	19	18	17	17	17	18	19	19	***	***	***	***	***	***	***	19	20	17	19	19	22	22	21	22	19
19	20	17	17	17	***	***	***	***	***	***	***	***	***	***	***	17	15	15	17	15	15	15	15	15	16
20	17	16	15	15	15	16	16	16	15	15	15	15	16	16	16	16	17	16	16	19	20	19	19	18	16
21	18	18	17	18	18	22	23	22	21	20	19	19	18	19	19	20	20	19	19	18	19	18	19	19	19
22	17	17	17	17	17	19	24	21	18	17	17	17	16	16	16	16	16	15	15	15	15	15	15	14	17
23	15	15	15	14	15	17	18	19	***	***	***	***	***	15	16	21	24	35	46	37	18	16	15	20	17
24	17	18	16	17	22	39	51	54	41	28	22	23	28	30	30	28	32	22	19	17	***	***	***	***	27
25	***	***	***	***	***	***	***	***	22	20	19	17	15	15	13	14	14	14	14	15	16	16	15	15	16
26	14	14	14	14	14	15	19	16	16	15	15	15	14	15	15	15	15	16	18	17	17	17	17	15	16
27	15	14	13	13	13	14	15	15	15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	72	89	65	35	33	50	69	55	44	39	39	44	35	28	32	34	44	34	27	33	32	35	34	33	43
30	35	33	39	39	33	26	31	27	39	49	52	41	19	19	17	18	20	21	19	19	19	19	18	17	17
31	16	16	16	16	16	16	18	19	22	19	18	18	17	17	19	19	24	23	20	21	20	18	18	17	18
MEAN	19	20	19	18	18	21	24	23	21	20	19	18	17	17	18	19	20	20	19	19	20	20	20	20	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
STATION - BARTON/WENTWORTH HAM. OAMST										NO 29025															
										MONTH NOV 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	15	15	16	16	18	20	19	17	****	18	17	19	18	20	25	24	23	26	28	26	24	26	20
2	21	21	19	19	19	19	19	18	18	19	20	20	20	21	19	19	18	17	17	17	17	17	17	18	19
3	18	19	18	17	17	18	19	19	20	21	20	19	24	28	27	34	30	22	26	21	25	33	43	35	24
4	21	20	20	18	17	17	18	19	21	21	20	19	23	23	21	22	26	25	22	19	18	17	17	19	20
5	19	18	17	17	17	17	17	18	18	18	18	17	17	19	20	20	21	22	21	24	23	23	22	21	19
6	22	24	22	23	21	19	22	24	24	24	24	21	21	22	22	22	23	23	23	24	22	22	23	23	23
7	23	22	23	22	20	23	23	23	22	23	23	23	23	23	24	26	32	33	26	25	25	26	26	31	25
8	27	26	28	35	45	34	36	49	46	34	31	32	29	27	26	27	31	36	32	32	32	35	40	40	34
9	40	46	40	35	33	33	39	45	36	33	32	33	36	32	34	34	30	29	34	32	30	29	29	28	34
10	28	27	27	26	26	26	27	27	26	27	27	28	27	26	26	27	27	26	26	26	26	27	28	27	27
11	26	26	26	26	27	28	34	32	35	37	39	40	34	30	30	32	39	31	28	29	29	28	28	27	31
12	27	27	26	26	27	28	31	31	35	31	32	31	30	30	29	30	23	21	21	20	17	20	19	19	26
13	17	17	17	17	17	17	19	19	20	20	19	19	19	19	19	19	21	20	21	22	22	21	22	24	19
14	20	19	17	17	19	16	17	17	18	18	17	17	18	18	18	18	21	19	18	18	19	19	19	18	18
15	18	18	18	18	18	18	19	20	20	19	19	19	19	19	19	21	20	20	19	19	19	19	19	19	19
16	19	19	19	19	19	19	20	21	21	21	21	21	21	20	20	20	22	23	21	20	19	19	19	19	20
17	19	19	19	18	18	18	18	18	18	18	19	19	20	19	19	19	19	20	20	20	19	20	19	19	19
18	19	19	19	19	19	18	19	19	20	21	22	21	19	20	21	23	24	25	24	23	23	24	26	27	21
19	23	20	19	19	19	19	22	26	28	24	25	28	28	29	37	35	35	35	33	33	29	30	33	31	28
20	30	23	23	23	21	22	29	38	37	34	35	30	26	24	29	29	25	23	19	17	17	19	17	17	25
21	16	16	15	15	15	17	19	19	18	18	19	18	17	17	17	19	19	18	19	19	18	19	19	19	18
22	19	19	19	19	19	21	22	22	23	19	19	19	19	19	19	22	27	26	25	26	26	26	41	30	23
23	28	36	35	39	29	23	22	22	21	21	22	22	22	22	22	22	24	24	22	21	22	22	22	22	24
24	19	19	19	19	18	19	19	19	19	19	19	19	20	19	20	21	20	20	19	19	19	19	19	19	19
25	19	19	19	19	19	19	19	20	20	21	21	21	20	21	20	22	21	21	22	21	21	20	21	22	20
26	22	22	22	23	24	26	26	25	25	24	24	23	22	22	22	24	28	26	24	24	26	26	26	26	24
27	26	26	24	25	23	23	27	27	27	25	24	25	24	22	23	26	27	24	25	23	22	24	25	22	25
28	21	22	24	25	26	26	28	26	26	26	25	23	23	23	23	24	26	24	23	25	24	23	22	23	24
29	23	24	22	22	22	23	25	28	30	27	25	24	24	24	25	30	35	30	26	24	24	24	24	24	25
30	24	25	25	24	24	24	25	25	27	28	28	30	27	24	24	24	25	25	26	26	25	25	25	26	25
MEAN	22	22	22	22	22	22	23	25	25	24	24	23	23	23	23	24	25	24	24	23	23	23	25	24	23
PERCENTAGE OF DATA VALID -	99																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
STATION - BARTON/WENTWORTH HAM. OAMST											NO 29025														
											MONTH DEC 74														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	23	23	23	22	22	23	21	20	20	20	19	19	19	19	19	19	19	18	18	18	18	19	19	20
2	19	18	17	18	18	19	19	21	21	17	17	16	15	18	17	18	17	16	16	16	15	16	15	15	17
3	15	16	16	17	17	17	18	19	18	17	17	17	17	17	17	17	18	19	19	17	18	19	20	19	18
4	20	20	19	19	19	19	22	24	26	26	24	23	22	23	24	28	35	35	33	35	32	35	32	32	26
5	25	25	24	22	22	22	22	23	24	23	22	23	22	22	23	25	27	25	24	24	24	24	24	24	24
6	24	24	24	24	25	28	38	42	41	46	50	46	33	24	25	29	33	30	37	37	40	35	39	34	34
7	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	22	18	20	19	30	14	12	12	13	14	16	13	13	13	13	13	13	11	11	11	11	11	11	14	
9	10	10	10	10	10	10	11	12	12	15	17	18	17	17	17	18	20	18	19	19	18	18	18	17	15
10	17	16	16	16	16	17	18	19	18	18	18	17	17	18	19	21	23	21	21	22	20	20	24	20	19
11	20	20	20	21	19	20	28	29	36	23	21	21	21	22	24	26	30	26	27	27	26	25	22	26	25
12	24	22	23	25	22	28	36	37	27	23	21	21	21	22	24	26	28	27	26	26	26	25	24	24	25
13	26	24	24	23	23	23	26	28	31	30	30	30	31	30	32	30	35	30	28	26	24	23	22	22	27
14	21	22	21	21	21	23	24	24	23	24	23	22	22	22	24	27	24	24	24	23	23	24	23	24	23
15	25	25	26	26	26	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
17	26	26	25	25	25	26	26	27	26	27	24	24	25	25	25	26	26	25	24	24	24	24	23	23	25
18	23	23	22	22	23	24	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19	18	18	19	19	21	19	22	24	24	23	21	22	26	26	27	32	33	20	19	18	18	18	18	18	20
20	18	18	18	18	18	19	22	24	26	24	24	23	23	23	22	24	32	28	26	24	26	26	26	26	23
21	28	26	24	20	20	23	24	24	26	26	23	24	26	24	25	24	22	22	24	31	25	24	23	20	24
22	21	23	22	22	20	20	20	20	20	20	20	20	20	20	21	21	23	23	21	22	22	23	24	26	21
23	26	24	25	22	22	23	28	37	45	29	22	22	24	23	23	24	24	24	23	23	23	23	23	23	25
24	24	23	23	23	23	22	24	26	26	26	25	26	24	22	24	24	26	28	24	24	23	22	23	24	24
25	23	24	23	28	23	21	20	20	20	20	20	20	21	22	21	21	22	23	23	24	24	26	25	22	22
26	25	25	25	24	24	24	25	24	24	24	25	24	24	24	24	25	25	24	24	25	25	25	25	25	25
27	26	25	24	24	23	24	24	24	24	24	26	25	26	26	26	27	28	27	26	26	26	26	27	25	27
28	28	27	27	27	27	27	27	30	28	29	28	28	27	28	28	28	27	28	27	27	25	26	27	25	27
29	26	26	26	26	26	26	26	26	26	26	26	26	26	26	27	28	28	27	28	28	27	28	27	27	27
30	27	27	27	27	28	28	29	30	31	30	30	18	17	18	18	19	22	20	19	19	20	20	21	21	23
31	20	20	20	21	22	21	22	30	35	39	43	34	22	22	23	24	25	24	24	24	23	23	23	22	23
MEAN	22	22	22	22	22	22	24	25	26	25	24	23	23	22	23	24	25	24	24	24	23	23	23	22	23
PERCENTAGE OF DATA VALID -	92																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	20	26	51
FEB	18	22	30	46
MAR	DATA MISSING			
APR	DATA MISSING			
MAY	21	30	45	78
JUN	19	29	50	99
JUL	6	19	21	36
AUG	31	21	28	50
SEP	30	20	27	70
OCT	29	20	43	89
NOV	30	23	34	49
DEC	31	23	34	50
YEAR	242	23	50	99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	1	320	246	7	0	0	0	0	574
FEB	1	111	268	26	0	0	0	0	406
MAR	DATA MISSING								
APR	DATA MISSING								
MAY	0	69	201	194	4	0	0	0	468
JUN	0	106	157	115	12	1	0	0	391
JUL	0	88	26	2	0	0	0	0	116
AUG	1	341	276	38	0	0	0	0	656
SEP	20	448	207	39	1	0	0	0	715
OCT	3	456	104	45	6	0	0	0	614
NOV	0	232	412	75	0	0	0	0	719
DEC	6	155	484	42	0	0	0	0	687
YEAR	32	2326	2381	583	23	1	0	0	5346

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	7	15.0	17.5	20.1	23.6	31.4	36.8	45.1	50.9	99	22.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	27	27	26	24	24	24	25	24	24	24	24	24	24	25	25	25	24	23	23	23	23	23	23	24
2	22	21	21	21	21	22	23	26	27	26	24	24	23	22	21	22	23	23	22	22	22	22	22	22	23
3	22	23	23	23	24	26	24	25	25	25	24	25	27	25	25	24	25	26	26	25	24	22	22	22	24
4	22	22	21	20	21	22	22	23	23	23	21	21	21	21	21	22	23	23	23	23	23	24	24	24	22
5	23	22	22	23	23	22	24	25	23	23	23	23	22	22	23	22	23	23	23	24	24	23	24	25	23
6	25	24	24	24	24	23	21	23	23	23	22	21	20	20	20	21	21	21	20	21	21	20	22	22	22
7	22	22	22	22	21	21	21	21	21	20	19	19	18	18	19	18	18	18	18	18	18	18	18	17	19
8	17	17	17	17	18	17	18	18	18	21	24	18	19	23	27	29	26	30	28	27	25	25	26	25	22
9	22	21	20	19	19	19	20	21	22	22	20	20	20	20	20	20	22	25	25	26	25	24	24	24	22
10	23	23	21	20	19	18	19	22	23	25	24	22	23	24	24	24	26	24	25	24	24	23	23	24	23
11	22	21	21	20	20	19	19	20	21	20	19	20	20	20	24	33	34	35	36	36	36	35	41	38	26
12	40	40	38	35	34	33	33	33	34	34	34	34	34	35	37	41	42	42	43	46	44	43	43	42	38
13	42	43	42	42	41	41	41	43	42	42	42	42	41	41	40	41	40	40	40	40	40	39	39	40	41
14	37	35	33	33	33	33	33	34	34	35	35	36	36	37	36	35	34	35	35	35	36	36	36	36	35
15	36	36	37	38	38	38	38	39	38	36	35	35	35	36	36	37	36	35	35	34	34	33	34	34	36
16	36	36	34	33	33	32	33	34	35	36	36	37	37	40	39	36	37	37	34	35	36	34	34	34	35
17	33	32	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	32	31	31	30	30	30	29	31
18	29	29	29	29	28	29	29	31	34	32	32	37	37	36	32	35	37	44	43	43	43	39	39	40	35
19	42	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
20	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
21	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
22	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
23	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
24	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
25	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
26	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
27	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
28	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
29	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
30	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
31	37	36	34	35	35	35	34	37	37	35	34	34	23	24	24	24	25	27	29	30	32	34	35	33	32
MEAN	30	30	29	29	29	28	29	30	30	30	27	27	28	29	30	30	30	31	31	32	31	31	31	31	30

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	31	30	31	31	32	32	32	31	29	28	28	28	27	28	31	31	33	34	30	31	31	28	28	30
2	27	25	24	24	23	23	23	23	23	23	23	22	23	24	25	25	26	26	24	25	25	24	24	25	24
3	23	23	22	21	20	20	20	20	20	20	20	21	21	21	22	22	22	21	18	20	19	20	20	21	21
4	18	18	18	17	16	17	17	18	20	21	19	19	19	19	18	19	20	20	19	19	19	18	17	16	18
5	16	16	16	16	16	16	18	21	23	19	18	18	17	17	17	18	19	18	18	18	18	18	18	18	18
6	17	16	16	17	17	18	19	22	23	21	19	20	20	18	18	19	21	22	21	19	18	18	19	18	19
7	16	16	15	14	13	13	14	15	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	24	29	25	25	23	23	24	24	24	25	25	25	28	32	31	30	26	28	30	32	29	28	31	31	27
9	30	29	29	28	28	29	28	29	28	25	22	20	18	17	18	18	18	18	18	18	19	21	24	22	23
10	22	23	22	22	22	23	23	25	24	22	23	25	25	26	27	28	29	28	28	27	26	28	30	30	25
11	28	27	26	27	27	26	25	27	30	29	23	24	26	27	25	26	24	23	21	20	22	23	25	26	25
12	31	38	43	39	35	30	33	37	40	41	38	40	40	34	34	35	32	21	18	20	22	24	25	27	32
13	25	24	20	17	15	15	14	15	17	17	17	18	18	18	19	18	17	16	17	16	17	17	16	15	17
14	16	14	13	13	12	12	12	14	16	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	26	25	27	25	23	29	24	24	23	23	23	22	24	26	27	27	27	27	27	27	28	29	31	31	26
16	31	31	31	29	29	29	29	30	29	29	29	30	32	33	34	36	35	34	34	34	34	34	35	34	32
17	33	32	34	36	36	30	31	32	40	41	44	31	28	28	26	25	24	23	23	24	21	23	26	27	30
18	22	24	24	24	25	25	26	30	35	31	27	31	28	29	28	27	26	26	27	27	34	38	34	34	28
19	37	34	29	27	26	26	26	26	27	25	24	24	25	26	27	27	28	29	31	35	35	36	37	38	29
20	37	42	42	49	59	47	45	61	46	47	39	41	42	46	40	40	32	27	22	20	18	16	17	17	37
21	16	15	14	14	14	15	14	13	15	16	17	25	22	26	19	16	14	13	14	14	11	9	8	15	15
22	9	9	9	9	10	10	10	11	12	13	12	11	11	10	10	10	10	11	11	13	12	13	12	13	11
23	13	12	11	11	12	11	11	11	11	11	11	12	13	14	15	15	14	13	13	12	13	13	12	13	13
24	12	12	12	11	10	10	11	13	14	15	13	14	13	14	13	14	15	15	15	14	13	14	13	13	13
25	16	17	17	16	15	16	16	17	16	14	12	11	9	8	8	8	9	10	12	13	16	14	13	12	13
26	13	12	11	9	8	8	8	9	10	9	23	23	23	23	25	25	28	31	32	33	37	35	37	37	21
27	33	31	30	30	29	29	29	30	31	28	26	25	23	23	22	23	26	29	30	30	30	30	32	32	28
28	23	23	23	22	22	22	22	23	23	22	23	23	23	23	23	23	23	23	23	23	23	24	24	24	23

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	27	28	27	24	23	21	23	22	21	22	22	21	20	20	20	22	23	25	26	28	29	32	29	24
2	28	27	25	23	27	24	24	25	22	23	22	22	24	26	25	27	29	27	28	27	25	23	23	21	25
3	19	19	19	18	17	17	17	17	17	18	19	22	27	33	43	38	21	19	18	19	16	15	15	15	21
4	13	12	13	14	14	16	17	21	25	25	25	27	26	26	26	20	20	22	20	21	24	20	22	27	21
5	33	32	25	18	17	16	18	22	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
6	7	7	7	7	6	9	13	13	13	13	16	13	10	9	8	8	8	8	8	7	7	9	13	9	9
7	9	11	11	13	11	12	14	15	9	5	4	3	3	3	2	2	2	5	6	7	8	9	10	11	8
8	11	11	11	11	12	10	10	9	9	8	10	9	9	9	9	9	10	11	9	9	9	8	7	10	10
9	7	7	7	6	6	6	6	6	6	6	7	7	8	8	8	8	9	10	11	11	14	12	12	15	9
10	16	11	8	8	8	6	6	6	6	5	5	5	5	5	5	5	6	6	8	9	10	10	11	12	8
11	11	12	13	15	14	15	17	21	18	19	16	22	19	19	18	19	20	24	24	28	24	22	21	21	19
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13	17	17	16	16	16	16	15	15	17	17	17	16	16	15	15	15	16	16	17	16	16	16	17	16	16
14	16	16	16	15	15	16	16	17	18	18	18	17	18	16	16	16	17	20	21	25	26	27	27	29	19
15	27	27	31	31	31	29	28	31	36	34	29	25	23	22	19	19	20	20	20	21	20	22	19	19	25
16	17	16	16	15	15	14	14	15	15	17	17	17	18	19	19	19	18	17	18	17	15	14	14	14	16
17	14	14	14	13	13	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13	13
18	13	13	13	13	13	13	14	15	15	15	15	15	14	14	14	14	14	15	16	17	17	17	17	16	15
19	15	15	17	19	19	19	17	16	14	14	14	13	13	13	13	13	13	14	14	14	14	14	14	14	15
20	14	14	14	15	16	15	16	18	19	19	19	17	17	17	17	16	16	17	16	16	16	16	16	15	16
21	15	15	14	14	14	15	15	15	16	16	17	16	16	16	16	16	16	16	15	16	18	17	18	19	16
22	18	16	15	15	15	15	15	17	16	14	14	14	14	14	14	14	15	16	16	16	17	18	18	18	16
23	17	16	16	16	16	15	15	15	17	16	15	15	15	16	15	15	15	15	15	16	17	16	16	16	16
24	16	16	16	16	15	15	15	15	15	16	16	16	16	16	16	16	15	15	16	15	15	16	16	16	16
25	16	16	15	15	15	16	17	19	18	18	17	16	16	16	16	16	15	15	14	15	15	16	21	21	16
26	21	21	19	18	18	18	18	19	19	19	17	17	16	14	11	11	11	12	15	15	15	15	16	17	16
27	17	18	18	17	17	17	18	18	18	17	17	13	10	9	9	9	11	16	16	17	17	18	18	18	16
28	19	19	19	18	17	16	15	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
29	14	14	14	14	14	14	14	14	15	15	15	16	16	16	16	16	17	17	17	17	17	17	17	17	17
30	14	14	13	12	12	12	12	12	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	13
31	14	14	12	12	11	12	12	13	13	14	15	14	13	12	12	13	13	13	13	13	13	13	14	14	13
MEAN	17	16	16	15	15	15	15	16	16	16	16	16	15	15	15	15	15	16	16	16	16	16	17	17	16

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	12	12	12	12	12	12	13	15	16	15	15	15	14	14	16	14	13	13	12	13	13	12	13
2	12	12	11	11	11	11	12	17	24	17	14	13	13	13	13	13	14	23	16	15	14	15	16	18	15
3	20	17	17	23	22	27	33	38	32	26	21	21	21	21	21	21	21	20	20	21	26	29	27	25	24
4	21	31	29	19	18	17	18	21	22	23	22	24	24	25	23	24	23	23	24	25	26	26	26	29	23
5	29	28	26	26	26	26	26	26	26	26	24	24	24	25	24	25	25	25	25	25	24	25	26	26	26
6	26	25	24	24	23	23	23	23	24	24	24	24	24	24	25	25	25	25	26	27	35	28	29	29	25
7	27	24	22	23	23	23	23	23	24	24	24	24	24	24	24	24	26	26	25	25	25	25	25	24	25
8	23	23	23	23	21	22	20	21	23	22	22	22	20	18	18	18	18	19	18	18	18	18	18	18	20
9	18	18	18	17	17	17	17	17	18	18	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18
10	16	16	15	15	15	15	16	18	17	16	16	17	18	18	18	18	17	17	17	19	21	26	30	29	18
11	24	21	21	21	21	21	21	23	23	23	21	22	21	19	18	17	18	18	18	18	18	23	27	33	21
12	24	24	17	16	16	15	15	14	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16
13	18	16	16	16	16	18	21	34	36	20	20	18	16	16	15	15	15	15	17	18	21	21	21	21	19
14	20	18	25	25	18	15	15	15	15	15	16	16	17	17	19	17	14	13	14	14	14	14	13	16	16
15	12	13	13	12	12	12	13	13	13	13	13	13	13	14	14	14	14	14	14	14	15	17	17	18	19
16	18	18	17	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
17	15	15	13	15	15	15	19	20	21	20	17	14	15	12	11	11	12	12	13	13	15	17	15	14	15
18	19	16	14	14	15	18	19	16	14	12	13	14	13	13	14	17	18	13	12	13	13	12	13	13	16
19	13	14	15	15	15	14	15	16	17	16	15	14	15	15	15	15	15	16	17	18	24	28	27	29	17
20	29	27	25	42	44	37	38	39	30	26	21	19	17	19	19	22	21	22	20	19	19	21	22	26	26
21	27	34	36	34	29	27	28	30	38	34	35	28	23	23	24	17	18	18	18	17	17	16	14	15	25
22	15	14	13	13	13	14	16	19	21	19	19	17	15	17	19	25	25	18	19	16	14	15	14	12	17
23	13	12	12	11	11	11	12	12	13	12	12	12	11	12	11	14	18	18	17	17	17	17	17	16	14
24	16	15	15	15	15	16	16	17	18	18	18	19	19	19	19	20	22	21	21	21	20	20	20	20	18
25	20	21	21	22	24	34	35	36	42	32	24	22	21	22	21	20	20	22	19	21	21	22	25	23	25
26	22	23	24	23	23	24	25	28	27	29	24	23	22	22	23	23	27	30	25	34	42	29	28	28	26
27	23	24	25	46	52	48	40	34	25	28	27	25	23	24	23	28	35	32	26	23	25	28	31	37	31
28	44	50	55	36	38	33	28	25	27	24	25	23	23	22	24	23	25	26	23	24	23	24	25	23	29
29	23	24	27	25	26	27	28	30	30	25	26	29	27	22	22	21	21	20	21	22	23	22	23	23	24
30	23	22	25	35	27	31	41	35	25	23	24	27	28	28	27	26	26	25	24	24	26	24	21	19	27
MEAN	21	21	21	22	21	22	22	23	23	21	20	20	19	19	19	19	20	20	19	19	21	21	21	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	20	22	24	25	22	20	19	19	19	19	20	21	20	21	21	21	22	22	23	23	21
2	23	24	27	27	26	24	24	25	24	24	23	22	22	23	23	23	23	23	22	22	21	21	23	26	21
3	28	33	31	27	27	32	35	38	44	37	28	32	25	28	30	30	22	20	20	20	20	21	22	21	28
4	21	22	22	21	20	21	22	22	22	21	21	21	21	22	21	21	22	23	23	24	23	25	30	36	23
5	44	40	38	51	39	36	36	31	30	27	25	24	25	25	24	24	24	24	24	24	23	23	23	23	29
6	26	25	26	26	25	25	27	29	27	29	30	25	25	24	24	24	23	23	23	24	23	23	23	23	25
7	23	23	23	23	24	25	27	25	23	22	23	23	23	23	23	23	23	23	23	24	24	26	29	30	24
8	29	28	27	31	32	38	50	53	28	26	29	29	29	27	26	27	27	27	27	26	25	24	23	23	30
9	23	23	23	23	24	26	31	39	46	51	47	52	37	31	30	28	27	27	26	26	25	23	24	24	31
10	24	24	24	24	24	24	25	26	26	24	24	24	25	25	28	30	29	29	29	31	31	30	34	28	27
11	29	28	28	28	30	29	29	28	28	28	27	26	26	27	26	27	27	27	27	27	27	29	49	35	29
12	35	30	26	25	24	25	28	27	29	27	28	30	31	30	29	28	26	25	26	28	27	25	25	24	27
13	24	25	24	25	24	25	28	27	27	26	26	26	25	25	26	27	27	27	28	28	29	30	32	32	27
14	30	31	30	31	36	34	33	32	32	31	33	37	43	38	35	34	31	30	32	35	36	33	30	28	33
15	30	30	35	34	31	30	30	32	32	31	33	29	28	28	29	28	28	28	29	29	29	30	30	30	30
16	30	30	32	34	35	39	44	36	34	39	36	35	39	40	42	41	41	35	33	33	33	35	32	30	36
17	31	32	33	35	41	45	56	63	57	46	35	32	32	32	31	30	34	33	30	32	33	32	34	32	37
18	30	30	29	28	29	29	28	30	30	30	29	29	31	30	29	29	29	32	34	29	29	29	30	30	30
19	30	29	28	28	28	28	28	28	28	28	28	28	28	28	29	30	30	29	30	29	30	32	35	39	45
20	36	33	32	33	35	34	32	30	30	29	30	30	29	30	30	30	30	30	30	32	34	34	32	32	32
21	32	34	36	33	31	32	33	32	32	32	38	43	44	39	40	41	42	41	43	50	51	51	67	40	
22	41	38	34	40	55	61	62	67	56	45	41	35	31	33	31	32	36	29	27	28	24	23	21	21	38
23	23	26	22	21	21	21	29	34	37	32	25	22	19	19	19	18	19	18	18	19	20	23	22	23	
24	19	19	19	20	19	19	19	21	19	18	19	18	19	19	19	19	19	19	18	18	19	18	19	18	20
25	18	17	17	16	16	16	17	16	16	16	17	18	19	19	18	18	19	19	19	22	24	22	21	19	18
26	19	20	19	19	20	22	25	23	20	27	25	23	22	25	24	21	22	22	22	24	28	24	22	20	22
27	23	24	21	21	22	23	24	29	37	30	25	21	17	16	17	17	17	17	17	16	14	14	14	14	21
28	14	18	22	23	27	26	33	33	37	41	42	36	34	28	30	25	26	28	19	19	23	20	18	17	27
29	16	15	14	13	12	13	16	19	22	18	17	16	16	16	15	16	21	18	17	16	19	19	18	15	17
30	23	17	15	14	14	14	16	18	20	23	26	18	17	18	18	18	19	17	15	14	12	12	12	12	17
MEAN	26	26	26	26	27	28	30	31	30	29	28	27	27	26	26	26	26	25	25	25	26	25	27	26	27

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	12	13	14	12	11	12	12	13	12	12	12	13	13	14	14	13	13	14	13	16	19	22	22	14
2	32	24	20	21	14	13	12	13	13	14	15	16	16	15	15	13	13	13	17	18	22	26	28	28	18
3	25	17	15	20	22	18	22	25	23	26	24	25	23	21	21	21	20	18	18	18	18	22	30	21	
4	36	36	31	42	39	39	33	31	29	26	24	21	22	24	30	30	28	27	21	20	21	23	24	21	28
5	21	21	26	48	43	35	40	31	26	27	25	26	28	33	34	30	28	26	25	26	24	28	29	26	29
6	29	31	29	30	30	34	34	36	31	24	25	27	25	23	23	24	22	23	26	23	21	22	21	21	26
7	22	22	21	22	21	20	23	24	25	24	22	22	22	24	23	21	21	19	21	22	27	28	24	23	23
8	26	24	22	18	17	14	14	21	24	24	24	22	21	22	21	23	22	22	25	25	24	28	30	24	22
9	23	26	45	32	31	32	38	36	26	22	23	22	23	22	22	22	22	19	20	27	19	27	21	26	
10	21	20	19	19	19	20	22	25	25	25	23	21	23	24	22	18	17	16	15	15	17	16	15	13	20
11	13	12	13	13	13	13	12	10	9	9	9	9	9	13	13	13	13	13	14	14	16	17	19	16	13
12	17	18	19	17	16	17	21	17	15	13	13	13	13	13	14	14	14	14	16	17	16	16	22	21	18
13	21	20	20	21	19	19	22	19	20	21	19	19	19	20	21	20	20	20	20	22	24	23	21	21	20
14	22	23	26	22	32	42	46	36	22	19	20	20	20	17	17	18	16	14	13	12	13	12	12	16	21
15	12	12	11	11	12	9	7	8	7	8	15	14	16	13	9	6	6	7	6	4	5	9	12	9	
16	9	9	10	5	4	4	7	11	6	6	5	5	5	5	5	5	5	5	5	5	5	7	9	4	6
17	4	5	9	6	4	4	4	5	5	4	4	5	5	6	5	5	5	4	4	4	4	5	4	5	
18	3	3	3	3	3	4	6	8	6	6	9	7	9	15	16	17	18	13	13	12	15	13	13	14	10
19	10	10	13	10	10	12	13	12	17	14	13	10	10	10	10	10	23	17	24	24	28	33	38	17	
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22	16	16	19	18	17	16	15	17	18	17	17	18	16	16	16	15	15	15	16	16	18	18	17	17	
23	17	16	16	16	16	17	16	16	17	16	16	17	19	17	17	17	16	17	17	17	17	18	18	17	17
24	17	17	17	17	17	17	22	21	20	20	19	20	22	24	25	23	22	22	19	19	21	20	19	19	20
25	18	19	18	19	18	18	21	26	25	22	23	23	23	23	23	23	22	22	25	26	25	25	24	17	22
26	16	13	13	12	12	14	20	22	39	22	24	24	23	22	20	21	20	21	22	25	25	23	26	24	21
27	23	30	37	38	27	32	25	39	26	26	24	22	25	26	27	22	24	22	21	22	25	25	29	24	27
28	28	26	24	23	22	22	28	25	17	21	16	15	15	16	16	16	15	15	15	14	14	14	12	12	18
29	12	11	12	12	13	13	12	12	14	16	15	13	13	13	14	15	13	14	16	17	14	14	14	14	14
30	14	14	14	13	13	13	13	12	13	14	13	13	15	16	16	14	13	12	13	14	14	16	15	16	14
MEAN	20	19	19	20	19	20	21	21	19	18	18	18	18	18	18	18	18	17	18	18	18	19	20	19	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION														
		STATION - 67 COLLEGE ST TORONTO OAMST										MONTH JUL 74														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		18	14	16	19	17	16	16	16	15	14	13	12	12	13	12	12	13	13	14	20	17	15	14	14	15
2		13	14	15	14	16	17	22	24	22	25	21	18	23	22	21	19	18	17	17	16	16	21	20	22	19
3		22	25	30	23	19	24	36	33	31	24	37	32	24	22	18	23	34	22	23	30	29	33	23	17	26
4		17	16	17	18	21	19	21	27	26	21	20	20	20	20	19	18	17	17	16	18	20	22	23	24	20
5		18	19	20	21	22	23	24	17	16	16	16	17	17	16	17	16	16	16	16	17	18	18	20	18	18
6		18	19	20	19	24	29	34	35	19	17	18	18	19	18	18	17	17	18	17	19	20	22	28	25	21
7		27	29	32	33	36	32	28	26	24	22	20	20	20	21	21	22	18	17	17	20	25	24	25	23	24
8		24	27	24	28	32	28	32	29	27	24	26	25	29	28	26	28	28	20	21	23	25	29	27	23	26
9		25	25	24	23	22	24	27	27	34	29	30	28	25	22	22	21	21	21	23	25	27	24	24	24	25
10		23	25	23	22	22	23	22	26	27	26	26	26	25	28	26	26	26	25	25	25	26	25	24	24	25
11		24	24	25	24	24	25	26	25	26	27	26	25	25	28	27	29	28	27	26	25	26	26	26	25	26
12		24	23	24	24	25	27	33	29	26	26	27	28	28	28	28	26	26	25	27	32	30	38	31	28	28
13		31	29	45	42	39	33	30	31	33	31	30	28	26	26	26	26	27	31	31	34	37	33	29	32	32
14		35	32	29	31	33	32	33	35	33	32	27	24	27	26	25	24	25	24	24	27	28	29	29	28	29
15		29	32	36	35	33	35	38	40	39	40	43	42	44	45	47	46	47	48	48	48	50	49	50	50	42
16		50	53	49	47	47	46	49	53	52	42	38	42	36	35	35	35	32	29	29	32	32	30	31	30	40
17		33	43	41	42	39	39	42	46	48	36	40	38	37	37	43	36	33	32	31	30	33	32	32	31	37
18		30	32	34	31	29	29	31	36	39	37	39	35	33	34	35	36	35	33	32	30	35	36	38	40	34
19		38	30	27	27	27	28	28	29	28	28	27	27	26	26	27	27	26	26	26	29	27	28	28	26	28
20		26	26	25	25	26	26	25	25	26	26	28	28	27	27	26	25	25	26	27	27	27	26	27	27	26
21		26	26	26	26	25	25	25	26	26	30	27	26	26	25	24	25	25	26	26	27	30	30	33	39	27
22		35	32	32	45	53	39	37	42	43	39	34	30	31	28	30	32	27	25	26	26	28	28	28	26	33
23		24	24	24	24	25	25	27	30	31	31	26	26	26	26	26	26	25	24	24	28	24	26	34	29	27
24		21	21	20	20	21	22	22	25	23	21	22	26	26	28	26	21	19	21	25	27	30	25	24	21	23
25		20	20	19	20	20	21	21	23	23	24	23	22	22	24	22	23	21	21	21	22	23	22	23	23	22
26		26	24	24	23	22	22	23	24	26	30	28	34	36	34	33	35	27	26	26	27	29	34	32	43	29
27		40	38	37	38	44	31	33	39	31	22	18	19	18	18	17	19	16	15	15	15	15	17	18	17	25
28		21	30	19	16	18	30	31	22	19	15	12	14	13	12	12	12	11	11	11	10	11	12	16	13	16
29		10	10	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
30		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31		15	16	15	14	14	15	16	16	14	14	15	15	14	15	15	14	14	14	14	15	17	17	19	24	15
MEAN		25	26	26	26	27	27	29	30	29	27	26	26	25	25	25	25	24	23	23	25	26	26	26	26	26

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION														
		STATION - 67 COLLEGE ST TORONTO OAMST										MONTH AUG 74														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		22	19	17	14	14	15	16	19	21	19	18	16	17	16	17	15	14	15	16	16	18	17	19	20	17
2		18	16	14	16	18	19	21	23	22	20	17	16	18	21	19	19	18	19	18	19	19	21	21	24	19
3		22	17	16	16	16	17	18	17	16	16	16	16	17	16	16	16	15	16	17	17	16	16	17	17	
4		17	17	17	16	15	15	15	16	16	16	16	16	16	16	15	15	15	15	15	16	16	17	18	16	
5		17	16	16	16	16	17	16	15	15	15	16	16	15	15	16	15	15	15	15	16	16	18	19	23	16
6		21	21	21	21	20	22	27	26	21	19	17	18	18	17	17	17	16	16	17	17	19	20	19	19	
7		19	18	18	18	18	30	40	40	35	27	20	18	9	9	9	8	8	8	9	10	10	11	13	13	17
8		14	17	33	49	42	28	23	25	32	28	17	15	11	9	12	9	9	8	8	8	8	8	8	8	18
9		12	12	12	10	23	16	14	12	9	9	9	9	9	9	9	8	8	8	8	9	10	9	10	10	11
10		10	10	10	10	10	10	10	9	8	8	8	9	18	18	17	17	18	18	18	19	19	20	19	18	14
11		18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12		19	23	22	21	25	20	26	28	21	21	24	24	20	19	19	22	22	18	16	16	16	16	16	16	20
13		15	15	16	16	15	16	18	19	17	17	17	17	7	7	8	9	8	7	7	6	6	6	6	6	12
14		17	16	16	16	16	17	20	24	18	16	17	16	17	17	16	17	17	16	16	19	17	20	16	17	
15		15	16	18	23	28	32	32	37	24	21	20	19	17	18	20	24	19	19	19	19	17	17	19	20	21
16		22	21	19	20	22	21	19	21	23	19	17	16	17	18	17	17	17	18	16	16	16	17	17	17	18
17		18	18	18	17	17	16	16	17	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17
18		18	18	18	17	17	16	16	17	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17
19		18	19	18	21	22	25	28	25	27	27	26	23	22	20	19	19	17	16	15	21	23	26	28	22	22
20		27	24	21	16	19	24	27	24	28	21	21	21	21	21	22	20	18	16	17	18	19	21	24	17	21
21		17	18	30	36	28	29	38	38	45	28	22	20	19	21	19	20	17	17	18	18	17	18	17	16	24
22		16	20	22	22	23	22	35	18	16	17	18	17	16	16	17	17	16	15	16	16	15	15	17	18	18
23		19	20	19	19	19	21	24	22	19	19	20	20	19	17	18	26	28	25	24	17	17	16	15	14	20
24		14	14	16	15	14	15	16	15	14	13	13	13	13	13	14	13	14	14	14	15	15	16	16	14	14
25		16	16	16	15	15	16	16	17	17	13	13	13	13	13	14	13	14	14	14	15	16	16	15	14	15
26		14	14	15	19	22	23	27	33	26	17	16	16	17	19	21	19	17	15	15	15	16	15	16	18	19
27		16	18	18	15	18	20	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
28		18	18	17	19	21	20	22	18	17	15	16	15	17	17	18	19	17	15	16	17	17	16	17	16	17
29		15	15	15	16	16	19	22	22	18	15	15	15	16	16	15	16	13	13	12	14	12	13	14	19	16
30		19	21	16	15	16	15	17	17	16	15	14	13	16	16	14	15	16	14	15	15	14	14	14	13	15
31		13	12	13	12	13	13	14	15	14	14	14	13	13	11	10	10	10	10	10	11	11	12	12	13	12
MEAN		17	17	18	19	19	20	22	22	20	18	17	16	16	16	16	16	16	15	15	16	16	16	17	17	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	12	14	15	17	17	15	12	11	11	11	11	11	11	10	10	11	11	10	11	11	11	11	12
2	11	11	11	11	11	12	13	12	11	12	12	11	11	11	11	12	11	11	12	11	10	11	12	10	11
3	10	10	10	11	10	11	12	15	14	13	13	12	***	14	17	17	18	17	16	16	16	17	18	17	14
4	15	14	13	14	14	16	16	18	17	15	15	14	14	15	15	15	14	16	15	16	15	16	16	15	15
5	15	15	16	19	27	27	36	47	22	28	17	15	14	14	13	14	14	14	14	16	20	19	22	20	20
6	20	18	17	17	16	16	18	24	18	12	11	11	13	14	14	14	14	14	14	15	15	16	17	19	16
7	22	20	17	16	15	14	15	17	15	13	12	13	12	12	13	12	13	12	13	13	16	18	18	16	15
8	17	19	20	19	18	22	18	15	14	14	13	12	12	12	13	12	13	13	13	14	14	14	14	14	15
9	14	15	14	15	14	14	15	17	18	17	16	15	14	14	***	16	16	16	18	19	22	19	16	15	16
10	17	19	22	23	19	17	20	25	23	16	18	17	17	16	16	15	14	14	14	15	16	15	17	15	18
11	16	16	15	16	16	16	17	19	18	15	14	14	14	14	15	15	15	15	14	14	15	14	15	15	15
12	15	15	15	14	14	13	14	15	15	14	14	15	17	18	18	16	17	17	19	20	24	18	20	20	17
13	17	15	13	13	13	15	15	17	17	16	***	18	18	15	14	14	14	14	14	14	13	13	14	14	15
14	14	14	13	13	13	15	15	14	13	13	13	13	13	14	14	14	14	14	14	14	15	18	19	18	15
15	17	17	17	16	16	16	15	14	14	14	14	14	14	14	15	15	14	14	14	14	14	14	14	14	15
16	14	14	14	14	14	14	15	16	15	14	14	14	14	14	14	15	15	14	15	15	17	19	19	19	15
17	19	20	18	24	20	19	21	24	21	23	19	15	15	15	16	18	15	15	15	15	15	15	15	14	18
18	14	14	14	14	14	14	15	17	16	15	15	15	17	16	14	14	15	16	15	15	16	17	22	24	16
19	23	23	24	22	25	29	30	42	47	22	18	19	20	21	21	19	16	14	15	15	15	15	15	15	22
20	18	23	22	16	14	14	14	15	15	14	14	14	14	14	16	17	17	17	18	17	17	17	17	16	16
21	16	17	17	17	18	19	21	20	19	18	19	19	19	18	16	16	16	16	17	19	19	18	19	18	18
22	17	16	16	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	18	18	18	17
23	18	19	18	18	20	23	24	26	22	21	19	20	20	21	19	18	18	18	19	20	20	21	23	27	21
24	30	41	40	37	34	31	36	34	29	18	16	14	14	13	13	13	13	14	13	14	14	15	14	15	22
25	13	13	12	12	13	12	13	14	14	16	20	15	13	13	13	12	12	13	13	14	13	14	15	16	14
26	17	19	17	18	16	16	17	29	28	17	16	15	15	15	14	15	13	14	15	15	16	17	18	17	17
27	17	17	18	17	16	17	20	21	19	19	17	16	15	15	15	15	15	15	18	17	17	17	17	17	17
28	16	17	20	20	19	16	16	14	14	17	17	16	14	14	14	14	18	19	22	16	20	17	15	15	17
29	15	13	12	12	13	13	13	13	12	12	12	12	12	10	10	10	10	10	10	10	10	10	10	11	11
30	11	11	11	11	11	11	14	15	13	12	12	12	12	12	12	12	12	12	12	12	12	13	14	15	12
MEAN	16	17	17	17	17	17	18	20	18	16	15	15	15	15	15	14	14	14	15	15	16	16	16	16	16

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	14	14	16	16	16	16	17	15	13	13	13	13	14	13	13	13	14	14	14	14	13
2	12	12	12	12	12	12	13	14	14	14	13	12	13	13	13	14	13	13	13	13	14	14	14	14	13
3	14	14	14	14	14	14	15	16	15	14	13	13	13	13	13	15	15	15	16	14	15	20	23	25	15
4	24	25	25	20	21	21	21	20	13	13	12	12	11	11	11	11	10	10	10	9	10	9	9	9	15
5	12	12	12	12	12	12	13	13	14	12	12	11	11	11	11	11	12	12	12	12	14	14	15	15	12
6	14	14	14	13	13	13	14	15	14	13	12	12	12	11	11	11	11	11	11	11	11	11	11	10	12
7	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	11	11	11	11	11	11	11	12	12	10
8	12	12	13	13	13	13	16	18	21	19	14	11	11	11	11	13	12	12	11	11	12	11	11	11	13
9	13	15	17	16	14	13	13	14	15	15	18	16	20	24	24	25	24	25	25	20	16	15	15	15	18
10	16	18	15	16	16	17	17	19	18	14	14	15	15	15	15	19	27	22	16	16	15	16	16	15	17
11	15	16	16	14	14	14	15	16	16	14	16	15	15	17	17	17	18	17	17	18	20	26	19	17	17
12	17	17	18	22	19	18	19	21	21	18	19	18	18	15	15	14	13	13	13	13	13	13	13	13	16
13	15	15	15	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	15	15	16	15	17	15	14	14	14	14	14	14	14	15	14	13	13	13	13	12	12	12	12	14
15	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	14	15	18	14	14	14	14	13
16	14	15	15	16	15	16	19	22	24	19	16	15	14	14	14	14	16	16	16	14	14	14	17	17	16
17	16	13	13	13	13	13	15	15	15	14	13	13	12	12	12	12	12	12	12	12	12	12	12	12	13
18	12	12	12	12	12	13	15	15	14	13	12	12	12	12	12	12	13	13	14	14	15	15	15	15	13
19	14	14	14	15	14	14	14	12	12	11	11	10	13	13	13	13	13	13	14	16	15	15	15	15	14
20	15	14	14	13	13	13	14	14	14	14	13	13	13	13	13	13	13	13	13	14	14	15	15	15	14
21	16	16	16	16	16	16	19	21	19	16	14	13	13	13	14	14	15	16	17	16	15	17	17	15	16
22	15	15	15	15	15	15	16	16	16	16	16	15	15	15	15	16	16	15	15	17	14	15	16	18	16
23	18	18	16	16	14	14	16	16	15	14	14	14	16	18	18	17	14	15	15	14	12	13	14	14	15
24	15	16	15	15	16	17	18	19	25	18	15	14	16	17	18	19	20	19	18	22	15	16	16	16	17
25	15	16	15	15	15	16	18	17	16	16	15	14	12	13	13	15	14	14	14	14	14	14	15	15	15
26	15	16	17	17	18	18	20	18	16	15	15	15	13	13	13	13	14	15	17	16	15	16	16	16	16
27	17	14	14	14	14	14	15	14	13	13	14	14	14	14	14	14	14	14	15	15	15	14	15	15	14
28	15	15	14	14	16	17	18	18	23	18	19	16	17	19	25	22	20	22	16	18	20	21	25	33	19
29	29	35	46	41	35	34	30	24	31	40	32	29	22	23	27	28	33	33	21	19	24	24	20	17	29
30	16	16	18	25	23	24	19	18	18	21	26	26	20	20	20	21	21	18	17	18	16	15	15	15	19
31	16	16	20	19	19	16	17	20	22	19	18	20	18	18	22	24	23	20	19	18	19	22	19	17	19
MEAN	15	16	16	16	15	16	16	17	17	16	15	15	14	15	15	16	16	16	15	15	15	15	15	15	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	30	48	58
FEB	28	23	37	61
MAR	31	16	25	43
APR	30	21	31	55
MAY	31	27	40	67
JUN	30	19	29	48
JUL	31	26	42	53
AUG	31	17	24	49
SEP	30	16	22	47
OCT	31	15	29	46
NOV	30	16	26	53
DEC	31	17	21	32
YEAR	364	20	48	67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	12	49	318	307	0	0	0	0	686
FEB	34	217	283	114	1	0	0	0	649
MAR	99	508	106	12	0	0	0	0	725
APR	0	353	316	45	0	0	0	0	714
MAY	0	138	426	173	5	0	0	0	742
JUN	89	296	284	46	0	0	0	0	715
JUL	3	156	382	166	0	0	0	0	707
AUG	66	487	141	15	0	0	0	0	709
SEP	19	615	72	11	0	0	0	0	717
OCT	25	621	74	11	0	0	0	0	731
NOV	4	635	70	10	0	0	0	0	719
DEC	0	605	138	1	0	0	0	0	744
YEAR	351	4680	2610	911	6	0	0	0	8558

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97	0	12.1	14.7	17.3	22.2	30.6	35.5	42.3	46.2	67	20.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION													
		STATION - PHARMACY AND 401 TORONTO										NO 33002 MONTH JAN 74														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		18	16	17	19	18	16	17	16	14	14	14	14	13	13	15	15	15	15	15	15	15	16	16	16	16
2		16	15	16	15	16	16	17	21	26	26	18	17	18	17	18	18	17	18	18	17	16	17	17	18	18
3		18	17	16	17	18	19	19	31	36	24	21	20	20	22	18	16	18	22	24	30	27	21	19	19	21
4		17	16	16	15	16	15	18	19	21	18	16	15	15	17	17	18	18	20	20	20	20	19	21	18	18
5		21	22	20	20	21	22	22	27	29	22	20	19	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6														DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
7		18	19	18	17	18	19	26	30	28	21	22	20	22	23	24	26	29	28	25	26	23	18	18	18	23
8														DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9														DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10														DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11		25	22	20	18	17	17	17	18	18	19	18	18	20	20	22	22	23	26	26	30	29	24	20	20	21
12		20	22	20	20	19	20	19	19	20	20	21	19	21	22	21	20	21	23	24	26	26	29	27	23	22
13		26	27	21	20	20	21	23	27	31	23	21	22	23	22	19	19	19	20	20	19	19	19	19	20	22
14		20	20	20	19	20	20	22	24	23	22	22	22	20	21	22	24	30	25	22	21	20	22	20	22	22
15		22	21	21	20	19	20	24	23	24	23	24	24	23	24	22	22	30	24	26	22	19	19	20	19	22
16		18	18	17	17	18	18	22	24	24	22	21	22	21	21	21	21	24	25	20	20	20	20	20	20	21
17		18	18	18	18	17	18	20	24	24	21	20	21	22	23	24	25	30	28	27	25	26	22	21	23	22
18		21	22	24	21	22	22	21	24	22	21	20	22	20	20	22	20	21	24	25	22	20	24	32	22	22
19		23	23	21	19	18	18	18	17	17	17	17	17	17	16	16	17	17	16	17	17	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20																										
21		16	16	15	16	15	16	18	23	29	22	18	18	19	21	22	23	24	22	21	20	18	17	16	16	DATA MISSING
22		18	18	18	19	21	22	21	23	24	22	20	22	20	20	18	18	19	22	18	18	20	19	18	18	20
23		19	19	18	18	18	18	20	23	22	21	22	20	18	18	17	18	18	19	19	19	18	18	18	19	19
24		19	19	19	19	20	21	23	26	30	25	22	23	22	22	21	20	20	21	22	23	22	20	21	22	22
25		20	20	21	22	23	24	25	26	29	27	26	23	24	22	22	23	23	23	23	23	24	22	20	20	23
26		20	19	17	17	16	16	16	18	17	17	18	18	18	20	20	20	21	20	20	20	20	21	20	20	19
27		20	20	19	19	20	20	21	24	27	27	26	25	23	23	22	27	30	22	22	24	24	23	24	24	23
28		23	22	19	18	18	18	21	26	22	19	19	19	20	22	20	21	21	22	23	23	22	22	22	22	21
29		22	23	22	20	20	20	20	21	20	20	20	20	20	20	20	20	21	24	25	22	23	21	20	18	21
30																										
31		17	18	18	18	19	19	21	20	20	19	18	17	18	17	18	18	20	20	21	19	18	19	19	20	19
MEAN		20	20	19	18	19	19	20	23	24	21	20	20	20	20	20	20	23	22	22	22	22	22	21	21	21

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION												
		STATION - PHARMACY AND 401 TORONTO								NO 33002					MONTH FEB 74											
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		16	16	16	16	16	16	18	20	20	20	20	18	18	20	20	20	23	22	22	20	20	16	16	16	18
2		16	15	15	14	14	14	15	17	19	18	18	18	17	17	18	18	19	22	22	20	20	16	16	16	17
3																										
4																										
5		16	15	15	18	16	16	19	23	22	19	18	18	18	19	18	18	22	22	20	19	20	18	16	15	19
6																										
7		15	15	15	15	15	15	17	19	20	18	18	18	18	18	18	18	21	23	23	18	18	17	16	16	19
8		18	16	16	16	16	18	21	28	28	23	21	20	19	20	21	23	26	25	22	24	26	25	22	24	22
9		26	23	22	25	22	24	26	23	20	20	20	20	20	19	18	20	18	20	24	24	20	22	22	20	22
10		22	23	22	22	20	19			19	19	18	18	17	18	18	17	18	19	17	19	18	18	18	19	19
11		18	16	16	16			18	22	23	20			19	19	20	19	20	20	18	18	18	19	20	21	19
12		20				22	23	21	23	24	25	25	21	18	18	20	23	22	22	24	23	22	20	21	22	22
13		23	25	25	34	35	37	33	33	36	30	25	25	24	25	24	24	26	23	21	21	19	19	19	19	26
14		18	18	18	18	18	19	21	26	26	24	22	22	22	22	22	23	25	28	25	24	24	23	24	23	22
15		23	22																							
16		31	30	28	27	31	27	23	21	17	17	17	17	17	20	20	19	18	18	17	18	16	16	16	16	21
17		16	16	16	15	14	14	15	15	16	16	16	16	17	16	16	16	17	17	18	19	19	18	18	19	17
18		18	17	17	17	18	20	25	33	27	22	20	20													
19																										
20		22	20	18	17	17	17	19	21	23	20	21	20	19	20	20	22	27	28	24	23	22	24	24	26	22
21		26	23	22	23	26	28	35	45	52	32	24	24	25	24	23	24	24	25	23	21	20	20	20	19	26
22		20																								
23																										
24																										
25																										
26		21	22	22	22	23	28	32	26	23	23	25	22	22	22	22	27	26	26	28	30	30	25	23	22	25
27		23	22	22	22	22	22	25	24	22	22	21														
28		19	22	21	22	22	20	20	20	19	20	20	20	20	18	17	18	19	19	19	18	20	20	20	19	21
MEAN		20	20	19	20	21	21	23	24	24	22	20	20	20	20	20	21	22	22	21	22	21	21	21	21	21

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	20	18	17	16	18	20	23	22	19	20	20	20	22	20	24	26	25	23	22	25	22	22	21	21
2	21	20	19	20	20	19	19	18	18	18	19	18	18	18	18	20	21	22	23	21	21	20	19	19	20
3	20	20	20	20	18	18	18	18	18	19	19	19	20	23	31	32	25	22	21	19	17	17	17	16	20
4	16	16	16	16	16	18	23	25	28	30	29	35	32	24	22	21	27	28	23	22	21	21	22	25	23
5	26	22	18	18	16	16	20	25	22	18	18	17	18	18	19	18	20	19	21	22	20	19	19	19	20
6	18	20	19	18	19	21	22	25	23	21	20	23	22	***	19	18	19	21	23	20	19	20	20	20	20
7	19	18	17	16	16	17	19	27	24	22	20	19	19	20	20	22	24	23	23	21	20	27	24	21	21
8	18	18	18	18	18	18	22	24	23	19	19	19	19	19	21	23	26	24	23	22	20	19	18	18	20
9	18	18	18	18	18	18	18	18	19	18	19	20	20	20	20	21	22	18	19	21	20	20	20	22	19
10	20	18	17	17	16	16	17	16	17	17	18	17	18	19	19	18	20	20	20	20	20	22	21	20	18
11	21	20	20	21	22	24	31	43	33	26	22	20	20	19	20	20	22	25	24	21	19	18	18	18	23
12	18	17	16	17	16	17	20	23	22	19	18	19	19	18	18	19	21	20	19	19	18	18	19	18	19
13	18	17	17	17	18	18	18	19	19	18	17	17	17	16	16	18	20	21	17	17	16	16	16	17	18
14	17	17	16	16	16	16	18	22	22	20	19	19	19	20	19	19	21	22	21	23	24	22	26	29	20
15	24	20	19	19	20	18	23	32	32	22	19	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	17	17	17	16	16	16	16	16	19	19	20	20	20	21	21	21	20	19	18	18	18	18	18	18	18
17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	20	18	18	18	18
18	18	18	18	18	18	18	20	24	24	23	23	23	19	19	19	19	19	19	19	19	19	19	21	22	20
19	21	21	19	19	19	19	19	22	22	20	20	20	20	***	***	20	20	21	21	21	20	21	20	20	20
20	18	20	20	18	19	20	24	25	20	18	18	17	17	17	17	17	17	17	17	18	18	18	21	21	19
21	17	17	17	17	17	17	17	18	18	18	21	21	19	19	19	18	18	17	19	22	21	19	19	19	19
22	19	18	18	18	18	18	18	19	18	18	18	18	***	18	17	18	18	18	18	18	18	18	18	18	18
23	18	18	18	16	16	16	16	18	18	19	19	19	18	19	18	19	19	19	19	19	19	19	19	19	18
24	19	19	18	18	18	17	18	18	18	18	18	18	17	17	17	17	18	18	18	18	18	18	18	18	18
25	18	18	18	18	18	18	21	26	24	22	21	19	18	18	18	18	19	19	19	20	20	22	22	20	20
26	19	21	20	20	19	19	21	22	21	19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	- DATA MISSING -																								
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	17	16	16	16	16	16	16	16	16	***
29	17	17	17	17	16	16	18	21	18	17	17	17	17	17	17	17	17	17	16	16	16	16	16	16	17
30	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	15	15
31	16	16	15	15	14	14	16	17	17	16	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17
MEAN	19	18	18	18	17	18	19	22	21	20	19	19	19	19	19	19	20	20	20	19	19	19	19	19	19

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	15	15	18	21	21	17	17	17	16	15	16	17	17	17	16	16	16	16	16	16	17
2	16	16	16	16	16	15	16	18	23	18	18	17	16	16	16	18	17	18	20	21	19	20	22	18	18
3	18	21	20	19	24	24	27	33	26	22	19	18	18	18	19	19	18	18	17	18	19	23	22	18	21
4	17	17	17	16	16	16	16	19	19	18	18	18	18	17	17	15	16	16	16	18	18	16	16	16	17
5	16	16	16	16	16	16	16	18	18	18	18	19	18	18	19	19	24	24	21	21	20	19	18	18	18
6	18	17	17	16	16	16	17	17	18	18	18	19	19	19	19	19	19	19	20	24	26	22	20	20	19
7	20	18	18	18	18	18	18	18	16	18	18	18	19	20	20	20	20	20	19	19	19	19	19	19	19
8	18	18	17	17	17	17	20	22	22	20	20	18	18	18	18	18	18	18	18	18	19	19	19	18	19
9	17	17	17	16	16	16	19	22	22	20	20	19	19	19	19	19	20	18	18	20	25	21	19	19	19
10	17	16	16	16	16	16	19	22	22	19	18	18	18	19	19	20	22	24	23	24	26	28	29	31	21
11	27	24	21	20	19	20	23	26	26	22	22	20	20	20	20	20	22	22	24	26	26	25	28	33	23
12	34	28	21	21	19	18	18	18	18	18	18	18	18	18	18	18	18	18	17	18	18	18	18	18	19
13	17	17	18	18	18	19	21	22	25	24	21	20	18	19	18	18	19	18	18	18	20	23	24	23	20
14	22	21	20	20	18	18	18	17	17	17	17	17	19	18	19	20	18	17	19	17	16	16	16	16	18
15	16	16	16	16	16	16	16	18	19	18	18	18	19	18	18	19	23	22	20	20	21	21	20	20	19
16	18	18	18	18	18	19	22	21	24	21	20	19	19	20	20	20	23	22	21	21	20	21	19	19	20
17	21	19	18	21	19	18	19	22	22	18	18	17	16	17	17	16	18	19	17	16	19	23	22	19	19
18	18	16	14	14	14	16	20	20	19	16	15	14	16	16	17	17	19	18	17	16	16	16	16	16	17
19	16	16	16	16	16	16	20	24	22	20	19	20	***	18	18	19	20	21	21	23	24	25	26	30	20
20	36	44	36	33	35	34	40	26	23	20	19	18	18	17	17	18	18	18	18	17	21	18	22	25	25
21	24	23	25	22	20	21	22	21	22	25	24	20	19	19	18	18	18	17	16	16	16	15	15	15	20
22	15	15	16	16	16	16	17	18	19	19	20	21	20	21	20	22	26	25	22	24	22	18	17	17	19
23	16	15	15	15	15	15	16	16	17	16	17	17	17	17	17	19	22	21	18	17	16	16	16	15	17
24	14	14	14	14	14	15	16	18	17	16	16	16	16	16	17	19	20	21	20	20	18	18	17	17	17
25	17	17	16	15	16	17	22	29	25	18	17	16	18	16	16	19	22	25	20	18	19	21	21	19	19
26	19	22	22	22	18	18	20	24	23	20	18	17	17	17	19	21	22	24	22	25	28	32	27	25	22
27	23	22	20	24	28	25	26	22	20	20	21	20	19	17	17	17	17	18	19	19	20	23	22	28	21
28	28	31	28	30	29	25	23	20	19	19	18	19	17	17	18	20	20	22	18	18	18	18	19	19	21
29	21	22	19	21	20	20	27	24	23	22	***	17	14	14	16	19	20	16	15	15	15	16	16	17	19
30	16	18	20	19	21	24	26	28	21	20	19	17	14	17	19	20	20	22	19	19	20	20	18	18	20
MEAN	20	20	19	19	19	19	21	21	21	19	19	18	18	18	18	19	20	20	19	20	20	20	20	20	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	13	13	13	16	20	18	16	14	14	14	13	13	16	18	18	17	17	18	18	19	16	15	16
2	14	14	14	16	15	15	14	14	14	13	13	13	12	12	13	13	13	13	14	14	14	13	14	14	14
3	14	16	16	16	14	14	15	21	25	31	22	20	25	21	20	20	13	13	13	13	13	13	14	14	14
4																									
5																									
6																									
7	16	16	16	16	16	20	23	24	20	19	19	19	19	19	20	20	22	22	21	20	19	20	22	20	20
8	20	20	22	22	22	28	30	29	20	20	19	18	18	14	15	14	14	16	16	15	16	16	14	14	19
9	13	13	13	13	13	14	16	23	24	26	23	22	22	18	18	22	21	19	17	16	16	16	15	14	18
10	14	13	13	13	13	16	18	17	16	16	16	17	18	18	18	18	17	18	18	19	21	26	18	16	17
11	16	16	15	17	16	22	20	16	16	16	15	15	16	15	15	15	15	15	15	15	16	16	16	16	16
12	16	14	14	14	14	14	14	14	16	15	17	17	16	16	17	17	16	15	17	16	16	15	15	14	15
13	13	13	13	13	14	16	19	18	16	17	17	16	16	17	18	21	18	17	17	17	16	16	16	17	16
14	19	20	17	17	18	20	20	18	18	18	19	19	18	18	17	16	16	17	20	20	23	24	21	20	19
15	20	20	22	18	16	18	22	22	20	19	18	18	14	14	15	16	17	17	17	17	17	17	16	19	18
16	19	16	16	16	16	19	19	19	17	16	17	18	18	21	23	29	22	20	17	17	18	16	17	16	18
17	16	16	14	16	16	20	29	31	33	28	20	23	22	22	22	24	24	23	26	26	26	30	27	25	23
18	26	24	21	21	21	23	24	26	23	22	22	22	21	22	22	23	23	24	24	24	23	23	24	23	23
19	22	22	22	22	22	23	23	23	22	23	23	24	22	22	22	22	22	23	23	25	27	30	32	33	24
20	30	26	26	27	26	26	25	24	23	23	23	23	23	22	22	23	23	23	24	25	28	26	28	31	25
21	28	26	28	26	26	26	28	31	29	25	25	18	18	18	18	17	18	20	23	28	36	30	27	25	25
22	26	28	34	36	39	40	35	36	27	24	26	24	22	22	22	20	19	19	17	18	18	18	18	18	25
23	17	17	18	18	18	22	23	22	20	20	20	19	17	20	16	18	16	15	16	16	16	17	17	17	18
24	16	16	18	20	18	17	20	22	19	18	16	16	17	17	18	22	20	18	18	17	18	16	16	16	18
25	19	16	15	16	15	16	17	17	18	18	18	18	18	17	17	17	17	17	18	16	16	17	18	16	17
26	15	14	14	13	13	13	14	15	16	16	16	16	16	15	17	17	17	18	18	18	18	16	15	16	16
27	14	14	14	16	18	22	26	22	18	20	18	16	19	21	20	19	24	21	18	20	21	19	20	20	19
28	19	18	20	18	19	24	25	24	20	20	18	19	16	16	14	15	16	16	16	15	16	16	16	15	18
29	15	16	16	16	19	21	30	27	27	23	21	19	22	24	22	19	20	20	19	19	20	18	16	18	20
30	15	13	13	12	12	16	20	18	16	23	25	17	17	16	15	14	14	14	14	17	16	18	21	23	17
31	16	14	14	14	15	15	16	17	18	18	18	16	16	15	14	15	16	17	18	17	16	21	17	17	16
MEAN	18	17	18	18	18	20	22	22	20	20	19	19	18	18	18	19	19	18	18	19	19	20	19	19	19

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	16	16	16	18	20	20	19	17	18	19	19	18	18	17	17	17	17	20	19	22	25	26	19	
2	28	24	20	18	17	17	16	16	16	16	16	17	17	16	15	15	16	16	17	19	22	25	24	22	19
3	21	22	22	20	18	27	29	23	24	20	18	18	19	18	18	19	17	16	15	16	18	18	20	24	20
4	22	20	19	26	29	33	28	30	24	22	20	18	18	18	17	18	18	17	17	19	22	25	22	25	22
5	29	30	28	28	30	30	28	29	26	23	20	18	17	17	17	17	18	19	20	20	21	23	23	21	23
6	22	22	22	22	25	26	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
7	14	13	12	12	12	13	15	15	14	19	14	14	14	13	13	13	13	13	14	14	14	14	14	14	18
8	18	18	18	16	16	16	16	17	16	16	16	16	15	15	16	16	16	16	17	18	17	16	18	20	17
9	26	23	24	28	26	24	20	16	16	17	16	16	15	14	14	14	16	16	17	18	20	22	22	20	19
10	20	21	21	19	19	20	21	20	19	17	16	16	17	18	16	17	20	18	17	18	20	14	15	16	18
11	14	15	14	14	14	14	15	15	15	15	15	16	16	16	17	20	18	20	20	17	19	18	20	21	17
12	20	17	18	16	14	19	20	15	16	16	16	16	17	17	18	19	17	18	18	15	15	16	19	23	17
13	20	18	18	16	16	18	19	18	18	18	17	16	16	16	17	17	20	18	20	20	23	21	22	23	19
14	23	22	21	22	25	28	30	34	29	25	20	22	54	16	16	21	18	19	16	16	16	18	18	17	23
15	18	18	16	16	16	16	17	18	20	20	17	16	15	14	14	14	15	18	15	12	12	13	13	16	16
16	16	15	14	14	14	14	16	15	15	14	14	14	14	14	14	14	13	12	12	13	14	14	15	18	14
17	18	16	18	16	15	16	15	16	15	15	15	15	16	15	16	16	16	16	16	17	16	15	16	17	16
18	16	16	15	15	16	17	18	18	20	20	20	22	22	21	19	20	18	22	22	23	22	20	22	21	19
19	20	18	19	19	18	19	23	24	24	24	22	22	21	19	19	21	20	19	20	21	22	24	26	25	21
20	25	26	34	29	28	31	30	32	26	23	25	23	21	21	19	17	19	17	18	20	24	33	33	30	25
21	28	28	21	23	34	37	35	30	24	20	23	23	21	19	23	26	21	23	22	22	18	17	17	17	24
22	23	17	17	18	19	18	18	18	19	19	18	18	19	20	19	18	18	18	18	18	18	18	18	18	18
23	18	17	16	16	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	19	19	19	18	17	18
24	16	16	16	16	17	20	24	22	20	19	18	19	18	18	18	16	20	21	20	22	19	18	18	17	19
25	16	16	15	15	16	21	28	25	20	18	17	16	16	18	19	17	16	16	19	20	20	20	20	17	18
26	17	16	15	15	16	23	28	25	21	20	19	18	18	16	16	16	17	17	17	18	22	29	30	28	20
27	32	38	36	36	35	38	34	22	25	22	19	17	16	16	16	16	17	16	17	19	22	22	27	24	24
28	20	19	19	19	19	25	27	21	18	18	18	15	15	14	15	17	16	15	16	16	15	15	15	15	18
29	15	16	16	16	16	16	18	22	22	22	20	17	20	18	16	16	16	15	14	20	25	26	24	22	19
30	21	19	18	18	17	16	16	14	14	14	13	13	18	15	16	15	15	15	16	18	20	19	18	17	19
MEAN	20	20	19	19	20	22	22	21	20	19	18	17	19	17	17	17	17	17	17	18	19	20	21	20	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION															
		STATION - PHARMACY AND 401 TORONTO										NO 33002 MONTH JUL 74															
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		17	19	18	24	22	20	19	16	16	16	14	15	15	15	15	15	16	16	16	17	19	22	19	17	17	
2		20	21	18	16	16	18	20	20	19	18	18	18	18	17	17	19	20	20	20	20	19	23	22	19	19	
3		22	17	17	18	19	22	34	34	23	27	22	23	20	19	21	28	25	24	23	26	32	34	42	33	25	
4		27	24	23	21	21	23	23	23	23	22	22	22	22	21	21	21	21	22	20	20	21	20	20	20	22	
5		20	20	19	19	19	21	24	22	21	20	20	19	***	***	***	32	30	30	30	30	30	30	29	26	24	
6		26	26	26	26	26	32	30	30	25	25	25	25	26	26	26	26	26	26	26	***	***	***	***	***	27	
7		- DATA MISSING -																									
8		***	***	***	***	***	***	***	***	***	***	***	***	16	17	17	18	22	18	18	18	18	21	22	23	24	***
9		22	22	22	20	20	22	23	24	24	23	***	***	10	8	10	11	10	13	12	10	10	13	13	11	11	16
10		11	12	10	10	10	10	12	13	12	12	12	12	13	12	12	13	15	15	13	13	11	13	11	11	12	
11		11	11	11	11	11	11	14	16	15	12	12	12	12	12	12	13	13	13	13	13	16	16	16	16	13	
12		17	17	17	16	16	16	16	16	16	16	16	20	18	18	18	20	20	19	19	19	19	19	19	21	18	
13		22	20	21	20	20	20	20	18	18	16	16	16	16	16	16	16	17	17	17	20	20	21	21	19	18	
14		19	20	20	24	22	22	22	20	20	20	20	20	20	18	19	19	19	20	20	23	23	26	24	24	21	
15		20	20	20	18	19	22	24	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
16		17	17	17	17	17	19	23	23	21	21	18	18	18	18	18	20	17	17	17	17	20	22	22	19	19	
17		24	23	23	22	19	26	32	22	21	18	16	16	23	21	21	20	16	16	16	16	16	18	19	21	20	
18		18	18	19	18	17	14	16	16	17	16	14	14	16	16	16	16	16	18	18	18	17	21	21	17	17	
19		16	16	15	15	15	20	22	22	19	19	19	19	19	19	19	21	21	21	21	21	21	21	21	21	19	
20		21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
21		20	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	24	22	26	29	28	21	
22		28	25	22	22	24	28	25	21	17	16	16	16	***	***	14	13	13	13	13	15	15	15	15	15	18	
23		15	14	14	14	14	18	22	21	19	19	19	19	16	16	15	12	12	14	14	17	22	22	25	16	17	
24		16	16	14	14	14	18	22	18	18	18	18	18	18	18	18	20	20	20	20	20	20	20	17	15	18	
25		15	14	14	14	14	18	18	16	***	***	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
26		17	17	16	16	18	22	26	20	20	19	19	19	20	20	20	20	20	18	18	18	20	21	20	21	19	
27		22	22	22	22	20	20	20	20	21	21	21	21	21	21	20	20	20	20	20	20	24	26	29	21	21	
28		34	29	28	22	22	28	27	21	21	18	18	18	18	18	18	18	18	18	18	20	20	20	20	20	21	
29		20	20	20	20	20	20	20	20	17	17	17	17	***	***	15	15	13	15	15	17	17	17	20	21	24	18
30		23	17	17	17	17	23	28	24	18	16	17	16	***	***	17	17	17	17	16	17	17	18	20	19	19	
31		19	19	19	19	16	19	18	18	18	18	15	15	15	15	15	15	19	19	19	19	19	20	20	20	18	
MEAN		20	19	19	18	18	20	22	21	20	19	18	18	17	17	18	18	18	18	18	19	20	21	21	20	19	
PERCENTAGE OF DATA VALID -		93																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION																			
STATION - PHARMACY AND 401 TORONTO										NO 33002 MONTH AUG 74																			
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	20	20	20	20	19	23	27	25	19	19	17	20	20	20	18	18	18	18	18	18	19	25	23	23	20				
2	28	28	25	20	20	26	30	30	24	24	18	18	18	18	18	18	18	18	18	18	20	20	22	21					
3	22	19	19	19	19	19	21	21	19	19	19	20	17	17	17	17	17	17	17	18	21	22	20	21					
4	20	20	20	20	20	18	17	16	18	18	17	17	16	16	16	16	16	16	16	16	16	16	16	18					
5	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	20	23	27	26						
6	24	24	24	22	21	25	27	25	27	20	***	***	18	18	18	16	16	16	15	15	16	18	17	18					
7	18	19	22	19	23	32	24	21	18	16	13	16	13	12	10	10	9	9	12	17	25	28	30						
8	41	32	23	18	14	27	26	27	19	21	16	***	7	4	8	10	8	6	5	7	6	***	***	***					
9													-	DATA MISSING	-														
10													-	DATA MISSING	-														
11													-	DATA MISSING	-														
12													-	DATA MISSING	-														
13													-	DATA MISSING	-														
14													-	DATA MISSING	-														
15	***	***	***	***	***	***	***	***	***	***	***	15	13	12	12	13	14	14	14	17	19	18	19	21					
16	22	24	25	23	25	29	27	23	20	16	16	15	14	16	13	12	13	12	13	13	17	18	17						
17	20	15	14	17	18	20	24	20	18	19	15	14	14	13	14	12	14	13	13	14	14	15	14						
18	14	12	12	11	11	13	13	13	12	13	10	12	11	11	11	10	11	12	12	12	15	15	14						
19	13	13	14	15	15	19	28	20	16	14	15	12	14	13	15	14	14	13	13	14	22	28	31						
20	28	29	24	20	21	25	23	19	20	18	16	18	21	12	12	12	12	12	14	15	13	14	20						
21	***	***	***	***	***	***	***	***	***	***	***	***	12	9	9	11	9	10	11	14	22	18	19						
22	20	22	22	17	17	24	29	16	13	12	12	13	11	***	9	11	10	11	16	12	18	19							
23	19	20	17	14	14	16	21	23	20	***	***	18	17	12	14	14	15	18	23	24	15	15							
24	14	13	12	13	14	16	19	18	18	18	16	16	16	16	10	10	10	10	10	13	16	14							
25	16	16	12	12	12	14	15	14	14	12	12	10	8	8	10	10	10	10	11	14	15	17							
26	20	20	21	23	22	28	36	31	20	17	***	***	15	14	16	15	16	17	16	16	16	16							
27	16	15	15	14	14	18	26	23	20	18	18	18	18	18	19	25	23	21	20	20	20								
28	19	16	16	16	16	21	30	24	20	17	17	17	***	17	17	22	19	18	18	20	20								
29	16	16	16	16	18	22	30	26	18	16	15	15	12	11	13	14	14	13	15	14	14								
30													-	DATA MISSING	-														
31	13	12	12	10	10	10	10	11	10	10	10	10	10	10	10	10	12	12	14	14	15	13							
MEAN	20	19	18	17	17	21	24	21	18	17	15	16	14	14	13	14	14	14	15	16	17	18							
PERCENTAGE OF DATA VALID -					73																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	18	18	18	21	28	23	19	14	14	14	11	13	11	11	13	11	13	13	13	13	13	13	13	15
2	12	12	12	12	12	13	15	14	14	16	16	16	16	16	16	16	16	17	17	17	14	14	13	12	14
3	12	12	12	12	12	14	20	20	17	16	16	17	15	15	15	18	19	17	17	17	17	17	17	18	16
4	14	14	14	14	14	19	24	24	21	19	19	18	21	19	19	21	20	21	20	21	18	18	20	18	19
5	16	16	16	16	18	20	24	29	27	24	18	18	16	16	15	15	16	16	17	20	26	30	26	22	20
6	21	20	20	20	20	24	32	29	19	17	16	16	14	11	11	11	11	13	14	14	16	19	19	20	18
7	18	15	15	15	13	16	20	20	19	15	15	15	14	14	14	14	14	13	13	15	16	18	25	16	18
8	22	19	19	18	18	21	21	18	18	16	16	16	16	16	16	16	16	17	18	18	17	17	16	17	18
9	16	16	17	18	20	22	24	26	24	22	20	19	18	13	10	15	13	16	22	21	26	27	24	19	20
10	20	20	21	21	23	23	26	28	32	24	21	19	20	18	18	18	18	21	20	19	19	17	17	16	21
11	16	18	20	18	18	19	21	21	23	19	18	18	18	17	17	17	19	19	19	20	18	18	19	19	19
12	19	19	20	20	20	21	21	22	20	20	20	20	20	20	20	19	18	20	22	30	23	22	26	26	21
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14	15	15	15	15	16	19	19	19	19	19	19	19	16	16	16	16	15	15	18	20	19	19	19	19	17
15	18	18	16	16	17	17	16	16	16	14	12	12	11	11	15	13	13	15	15	15	15	15	15	15	15
16	13	13	13	13	15	20	26	25	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	20	22	22	22	26	29	33	39	35	15	14	13	13	13	17	24	20	18	17	15	15	12	12	12	20
18	13	13	13	14	14	19	20	20	21	18	18	17	17	16	17	17	17	19	20	23	25	28	22	22	18
19	21	21	17	17	20	26	37	34	28	24	18	17	14	15	15	15	16	18	18	18	16	18	18	17	20
20	18	20	19	16	16	18	23	24	20	20	20	20	19	19	22	20	20	20	20	18	18	17	17	17	19
21	17	16	16	18	16	20	18	18	22	20	20	20	17	17	16	16	16	16	21	21	18	21	16	16	18
22	16	15	15	14	14	14	15	16	16	16	16	17	17	17	17	18	18	18	20	20	18	18	20	16	17
23	32	32	30	27	28	33	44	45	31	20	17	16	16	16	18	16	18	16	16	16	17	18	18	23	28
24	18	18	19	18	17	20	22	21	22	20	19	18	17	18	17	17	17	17	19	21	19	20	21	18	24
25	16	16	16	18	19	28	35	33	31	23	21	18	17	17	17	17	17	18	18	17	16	16	17	20	19
26	17	16	16	16	16	17	20	28	22	22	18	12	12	12	12	12	15	17	19	16	16	14	15	15	17
27	14	14	15	15	14	13	13	15	16	16	14	15	13	13	12	12	12	14	16	12	14	12	11	11	14
28	11	12	13	11	11	11	11	11	12	11	11	11	11	11	12	12	12	14	14	14	14	14	14	14	12
29	12	11	11	12	12	16	20	21	20	17	17	16	16	16	18	23	21	19	19	17	17	17	17	17	17
MEAN	17	17	17	17	17	20	23	23	21	18	17	17	16	15	16	17	16	17	18	18	18	18	18	18	18

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	16	16	16	20	20	23	20	20	19	19	18	19	16	16	16	16	16	16	16	16	16	14	18
2	12	12	12	13	13	17	17	18	18	18	18	18	18	18	20	25	22	22	22	22	22	22	22	22	19
3	21	20	18	18	22	24	30	26	20	19	19	19	17	17	19	23	23	23	25	23	23	22	24	28	22
4	31	33	33	34	37	28	28	39	31	25	16	16	16	16	16	19	19	19	16	15	15	17	17	18	24
5	18	16	16	16	18	18	18	20	20	16	16	14	14	13	13	13	12	12	12	12	12	12	12	13	14
6	16	16	16	16	19	18	18	18	15	15	14	14	13	12	12	12	12	12	13	13	12	12	11	11	14
7	13	13	13	13	13	17	20	20	18	18	18	17	17	17	17	21	21	19	19	19	18	18	18	17	17
8	17	17	23	19	21	21	35	32	24	19	20	21	18	17	17	17	17	16	17	17	17	15	16	16	20
9	17	18	17	16	16	19	20	24	20	20	18	19	20	18	20	20	21	24	27	28	21	19	19	17	20
10	16	16	16	18	17	17	21	22	22	18	17	17	43	43	47	54	60	52	52	55	52	56	55	51	35
11	48	48	48	48	48	51	59	60	54	49	49	47	45	45	47	47	48	48	53	57	58	58	64	56	52
12	61	64	63	72	76	72	60	58	63	62	58	52	52	52	47	47	49	49	56	57	51	51	56	56	58
13	23	23	22	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	21	19	19	19	19	21	21
14	16	16	16	16	16	17	18	18	18	18	18	17	17	17	16	14	14	14	14	14	14	14	14	16	16
15	13	13	13	13	14	17	19	20	19	19	19	21	18	15	15	17	17	18	20	18	17	17	16	16	16
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17	15	15	15	13	13	13	13	14	14	13	12	12	13	13	14	17	17	16	15	15	15	15	15	15	14
18	16	15	15	15	16	19	29	25	21	17	16	15	15	15	16	18	19	20	22	18	16	15	16	15	18
19	16	14	16	18	21	18	18	20	18	16	16	15	14	15	15	15	16	18	19	18	16	16	18	16	17
20	17	16	15	15	15	15	15	16	17	18	17	17	17	17	17	17	17	18	19	19	20	19	22	21	19
21	19	18	17	17	18	20	24	30	22	20	17	18	18	18	18	18	18	20	21	21	20	19	19	20	20
22	20	20	20	20	20	20	20	21	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18
23	21	24	20	18	16	20	26	27	22	19	19	18	17	17	17	18	20	22	21	21	19	20	17	18	20
24	18	17	17	22	25	27	40	37	27	20	17	17	17	17	17	18	20	20	22	23	23	22	21	20	22
25	19	18	16	16	18	21	25	26	24	22	19	18	17	18	17	18	20	19	19	16	17	17	17	17	19
26	17	19	19	19	20	20	22	24	22	19	16	17	16	16	17	18	20	19	16	17	17	17	17	17	19
27	20	19	18	18	18	20	20	24	21	20	19	20	19	18	18	18	18	19	19	21	20	18	19	19	20
28	20	23	24	23	22	23	28	33	30	24	24	23	20	17	17	18	23	21	19	25	28	27	31	34	24
29	32	26	28	23	24	26	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
30	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
31	20	18	18	19	24	23	23	24	25	27	24	23	23	22	22	19	21	22	18	16	16	19	23	20	21
MEAN	21	21	21	21	22	23	25	26	24	22	21	20	20	19	20	21	22	22	22	23	22	22	23	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION															
STATION - PHARMACY AND 401 TORONTO													NO 33002															
MONTH NOV													74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	16	16	15	14	12	12	13	16	17	17	16	17	18	16	***	17	21	23	18	18	18	15	14	16	16			
2	16	14	14	14	15	15	16	16	16	17	17	17	17	17	17	18	17	17	17	18	19	16	16	16	16			
3	17	17	16	21	21	18	18	19	18	20	19	19	19	20	22	20	20	20	20	21	24	24	18	15	19			
4	14	14	14	14	14	14	18	24	23	23	21	21	20	20	20	20	23	19	18	22	19	18	20	20	19			
5	17	17	17	16	17	17	18	20	18	18	18	18	19	20	20	19	***	22	20	18	18	16	18	16	18			
6	16	15	15	16	15	16	20	24	21	20	20	20	20	20	21	21	24	25	23	21	20	20	20	19	20			
7	20	18	18	17	16	18	20	22	22	21	20	19	18	19	20	20	20	23	30	28	25	24	28	36	22			
8	57	36	34	34	34	37	38	57	53	33	30	25	***	21	21	28	34	44	38	36	29	32	30	31	35			
9	42	45	45	50	33	23	25	26	29	24	21	20	20	20	20	20	20	20	20	20	20	19	19	26	26			
10	19	18	18	19	18	18	18	18	18	18	18	19	20	20	20	19	19	19	19	19	19	19	18	18	19			
11	18	18	18	18	20	20	19	21	21	21	21	21	22	24	24	31	35	32	30	36	24	21	19	18	23			
12	18	18	18	18	17	17	18	21	25	26	26	26	26	24	***	21	20	20	17	17	17	17	17	17	20			
13	16	16	16	16	16	16	17	20	20	17	15	15	17	17	17	17	19	21	21	19	19	19	20	21	18			
14	21	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	19	19	19	20	18	18	18	19	19			
15	18	18	18	18	18	18	18	20	22	20	17	16	***	18	18	18	19	19	19	19	18	18	18	18	18			
16	18	18	18	18	18	18	18	19	19	19	19	19	19	18	18	18	19	21	24	26	28	25	23	22	20			
17	20	19	19	18	18	18	18	18	18	20	20	20	20	20	19	18	20	21	21	21	20	20	22	22	20			
18	20	20	19	19	20	20	23	25	29	28	22	20	20	20	20	24	22	22	20	20	23	24	29	26	22			
19	28	31	24	23	21	21	24	28	36	35	27	27	27	27	29	28	28	25	24	25	23	23	23	24	26			
20	24	22	22	22	22	22	24	28	31	32	30	26	13	***	22	25	31	27	20	16	16	15	16	17	23			
21	15	14	14	14	14	15	15	18	17	17	16	16	17	17	17	18	20	22	18	18	17	17	18	18	17			
22	16	16	16	16	15	16	18	23	23	19	18	18	16	16	17	***	19	21	23	30	34	26	25	30	20			
23	36	30	24	20	20	21	20	21	21	19	17	15	15	15	14	14	***	***	***	***	***	***	***	***	20			
24	DATA MISSING																											
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	14	14	15	15	14	13	11	10	***			
26	***	***	***	***	***	***	***	***	***	***	***	19	16	14	14	14	15	19	26	18	19	19	21	25	21			
27	20	16	13	14	13	14	16	23	26	18	13	12	11	11	11	11	12	13	13	16	16	15	14	14	15			
28	13	13	12	12	12	12	14	21	19	17	18	19	19	18	16	16	16	20	20	15	15	15	15	16	16			
29	15	15	16	16	16	17	20	27	30	22	20	***	19	20	19	20	23	26	24	24	25	23	22	22	21			
30	21	20	20	19	18	19	19	22	22	22	21	21	21	21	21	21	21	21	21	21	19	19	19	19	20			
MEAN	21	20	19	19	18	18	19	23	24	22	20	19	19	19	19	20	21	22	21	21	20	20	20	20	20			

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION																									
STATION - PHARMACY AND 401 TORONTO													NO 33002													MONTH DEC 74												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN													
1	18	18	18	18	18	18	18	17	18	18	19	19	19	20	19	19	19	19	18	18	17	17	16	16	18													
2	15	14	14	14	14	15	16	18	19	17	18	17	17	18	***	19	21	21	19	18	17	17	17	16	17													
3	16	16	16	16	16	16	17	20	21	19	19	18	18	18	***	22	25	25	22	21	21	20	20	20	19													
4	20	19	19	18	18	18	19	22	23	21	21	***	23	20	19	21	24	35	30	30	30	33	39	41	24													
5	44	50	40	29	25	22	20	19	23	22	21	20	21	20	20	21	22	24	25	26	26	27	27	27	26													
6	28	28	32	37	29	31	32	31	33	26	24	23	21	20	18	19	22	25	24	23	26	33	37	38	28													
7	42	42	37	40	43	37	32	29	29	25	25	24	22	22	23	22	23	24	22	21	19	19	19	17	27													
8	16	17	16	16	17	18	19	19	19	20	20	22	21	19	19	20	19	18	18	18	17	17	17	17	18													
9	16	16	16	16	16	16	17	18	22	21	20	21	20	19	21	20	24	22	21	20	20	20	20	19	18													
10	17	15	15	15	15	15	15	17	19	19	18	18	17	18	18	18	18	18	19	18	18	17	17	17	17													
11	16	16	16	16	16	16	17	19	21	22	22	21	22	23	22	21	19	20	20	21	20	19	22	18	19													
12	19	20	18	17	17	17	18	19	23	20	21	20	19	19	19	21	26	24	24	24	25	26	26	23	21													
13	23	22	20	18	18	20	24	29	28	28	24	22	21	21	21	22	25	24	23	20	19	18	18	17	22													
14	17	17	16	16	16	16	17	20	22	20	19	19	20	21	21	22	22	21	23	24	22	20	20	20	20													
15	20	19	19	19	19	19	19	19	19	20	20	19	19	18	19	18	18	18	18	17	17	17	17	17	19													
16	16	16	16	16	16	16	16	17	18	18	17	17	18	***	21	22	22	23	31	34	30	27	23	21	21	21												
17	19	18	18	19	18	19	19	21	22	21	19	19	***	20	17	17	18	19	19	19	19	18	17	17	19													
18	17	17	16	17	17	17	17	17	19	21	22	21	21	20	21	21	21	22	23	22	22	22	22	22	20													
19	22	22	22	23	23	23	25	30	24	22	22	22	22	21	22	22	22	23	24	28	26	25	23	22	23													
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	29	26	25	26	26	26	25	24	25	24	27												
21	29	29	25	25	24	21	22	24	26	28	27	28	25	24	26	25	25	28	30	28	26	27	25	25	26													
22	23	23	24	27	22	22	22	21	21	22	20	20	20	19	20	21	21	23	23	24	24	23	23	23	22													
23	23	23	22	23	22	22	23	26	29	24	23	***	20	20	19	20	21	21	21	21	20	20	20	21	22													
24	19	18	18	18	17	18	18	18	18	11	23	24	23	22	21	22	22	20	19	20	21	22	20	21	20													
25	20	19	19	19	18	18	18	18	19	19	19	18	18	18	18	19	19	22	20	19	19	21	21	21	19													
26	23	23	21	22	23	24	22	22	23	23	23	24	24	26	27	23	22	20	21	20	21	21	21	20	22													
27	20	19	19	19	19	19	19	19	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18	19													
28	17	17	17	18	18	18	17	18	18	19	19	19	20	20	19	18	19	19	19	19	19	19	19	18	19													
29	17	17	16	16	15	15	15	16	16	16	16	16	16	16	17	17	17	17	18	18	18	18	18	18	17													
30	18	18	17	17	17	17	16	16	16	19	20	20	19	20	20	22	24	24	22	22	26	24	26	24	26	20												
31	23	24	22	23	22	23	24	23	27	31	31	31	30	23	23	23	23	24	24	24	23	22	24	27	25													
MEAN	21	21	20	20	20	20	20	21	22	21	21	21	21	20	21	21	22	23	22	22	21	22	22	22	21													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	21	23	52
FEB	27	21	26	52
MAR	30	19	23	43
APR	30	19	25	44
MAY	29	19	25	40
JUN	30	19	25	54
JUL	30	19	27	42
AUG	24	17	21	50
SEP	30	18	24	45
OCT	31	22	58	76
NOV	29	20	35	57
DEC	31	21	28	50
YEAR	349	20	58	76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	232	362	11	0	0	0	0	605
FEB	0	199	301	15	0	0	0	0	515
MAR	0	441	227	9	0	0	0	0	677
APR	0	458	246	13	0	0	0	0	717
MAY	0	429	228	14	0	0	0	0	671
JUN	0	468	222	18	0	0	0	0	708
JUL	10	349	326	10	0	0	0	0	695
AUG	46	353	138	8	0	0	0	0	545
SEP	1	494	182	16	0	0	0	0	693
OCT	0	417	216	65	9	0	0	0	707
NOV	1	359	261	34	0	0	0	0	655
DEC	0	328	367	28	0	0	0	0	723
YEAR	58	4527	3076	241	9	0	0	0	7911

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90	4	14.2	16.6	18.2	20.1	24.3	27.7	33.2	41.7	76	19.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	17	16	17	15	15	15	15	15	15	15	14	15	15	15	15	15	15	15	14	14	14	14	15
2	13	12	12	12	12	13	15	23	26	18	16	15	17	17	17	18	20	22	21	21	19	19	21	19	17
3	19	18	17	18	19	20	23	65	35	24	23	23	21	20	21	19	20	21	26	32	27	23	22	21	24
4	17	16	15	16	17	15	16	23	21	18	16	15	15	15	15	16	18	18	17	16	15	13	15	15	16
5	14	14	13	13	15	17	16	19	22	18	17	18	17	17	16	17	17	17	18	16	16	16	16	17	17
6	16	16	14	15	14	12	13	13	14	15	14	14	14	13	15	15	15	16	16	15	15	16	18	18	15
7	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8	15	15	15	14	15	15	16	21	18	18	18	19	18	19	20	23	24	22	20	20	19	19	18	18	18
9	17	17	16	16	16	16	16	17	18	18	18	18	18	18	20	22	23	22	25	21	20	23	19	20	19
10	19	19	19	20	20	20	20	22	18	18	18	18	18	18	20	22	23	22	25	21	20	23	19	20	19
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	22	21	19	16	16	15	16	18	18	17	19	19	20	21	20	22	23	27	27	35	28	17	16	16	20
13	16	17	16	15	15	15	15	16	16	15	15	15	15	15	15	16	15	16	18	19	21	25	22	24	17
14	16	15	19	13	14	15	17	21	22	18	18	19	20	21	19	19	19	18	17	17	15	15	15	15	17
15	14	14	14	14	14	15	17	18	17	16	17	17	17	17	18	21	25	22	25	23	18	18	16	16	18
16	17	17	16	15	14	15	18	20	22	21	22	22	23	18	15	15	15	16	17	16	16	15	14	14	17
17	14	14	13	13	13	14	15	16	16	16	14	16	14	14	14	14	15	16	15	15	15	15	15	15	15
18	15	14	14	14	14	14	15	16	17	16	15	15	16	16	16	18	18	18	17	18	22	20	20	19	17
19	19	19	19	25	28	25	22	24	24	23	22	20	23	24	25	22	27	26	43	31	21	26	28	25	25
20	18	20	18	17	17	17	17	17	17	17	17	17	16	16	15	16	15	15	15	15	14	14	14	12	16
21	12	13	13	13	12	13	14	16	17	20	17	19	23	27	26	20	19	18	18	16	14	13	12	11	17
22	11	10	10	10	10	10	12	18	17	14	12	13	13	13	15	19	17	16	15	14	15	16	16	16	14
23	16	15	15	15	18	19	23	26	22	20	19	20	19	18	18	17	17	16	15	14	13	14	14	15	17
24	15	14	14	15	15	18	22	21	22	22	21	20	19	18	18	19	19	16	16	16	16	18	16	18	18
25	16	16	15	14	15	18	20	33	26	21	21	20	20	20	21	22	23	24	22	21	19	18	23	22	20
26	21	19	21	21	23	21	24	26	27	27	23	21	21	20	21	21	21	21	21	20	19	17	16	17	21
27	19	17	16	14	13	14	16	16	15	16	16	16	15	14	14	13	12	12	12	13	12	13	13	14	14
28	13	13	14	14	14	15	18	22	24	20	17	15	16	17	17	17	19	18	17	17	21	22	20	18	17
29	17	16	15	15	14	14	16	21	18	14	14	15	15	15	16	17	19	21	19	19	19	19	19	19	16
30	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
31	17	17	18	18	17	17	17	19	18	18	18	16	16	14	14	14	15	16	17	17	17	16	16	16	17
MEAN	16	16	16	15	16	16	17	22	20	18	18	18	18	17	18	18	19	19	20	20	19	18	18	17	18

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	16	17	18	16	16	16	16	16	15	14	13	13	13	13	13	13	14	14	14	15	14	14	15
2	16	16	15	15	16	16	16	16	16	16	15	14	13	13	13	13	13	13	14	14	14	15	14	14	15
3	14	15	15	15	15	15	15	15	15	15	13	12	12	11	11	11	10	11	13	14	16	17	17	17	14
4	17	17	17	18	17	17	18	19	19	18	16	15	15	16	15	16	19	20	19	22	19	19	18	18	18
5	18	18	18	19	20	19	20	24	24	20	17	17	18	17	15	16	18	19	18	22	25	17	15	16	19
6	15	15	14	15	15	15	17	18	18	18	18	18	19	18	19	19	19	19	18	17	16	15	15	15	17
7	15	14	14	15	14	14	15	16	17	17	16	17	18	18	18	19	22	23	22	23	18	19	19	22	18
8	20	18	18	19	20	23	25	28	34	21	19	17	18	18	19	19	22	28	21	24	24	23	19	18	21
9	18	18	17	39	26	35	17	21	21	20	19	19	22	20	20	20	21	22	26	25	19	18	19	20	22
10	20	22	21	24	23	21	19	19	20	19	18	19	19	19	18	17	17	15	14	14	14	16	16	14	18
11	14	13	14	14	14	13	14	15	15	14	13	13	13	15	15	15	17	17	17	17	17	18	21	20	15
12	19	18	20	22	26	29	27	30	33	30	27	25	26	27	27	27	26	25	25	24	21	19	19	20	25
13	19	22	22	31	32	31	36	35	34	32	25	27	28	29	27	30	27	23	19	18	15	13	12	12	25
14	11	11	10	10	10	10	10	11	11	10	10	10	10	12	12	12	13	16	17	16	18	17	17	18	13
15	14	14	17	13	13	14	17	21	21	15	15	15	16	17	17	18	21	20	20	22	18	20	22	15	17
16	12	13	12	19	18	15	16	16	16	15	16	16	17	18	20	20	19	18	16	15	15	14	15	16	16
17	17	17	16	14	13	12	12	13	14	14	13	12	13	13	11	11	11	12	11	10	10	9	9	9	12
18	9	9	9	9	9	11	15	20	17	16	14	13	13	13	14	15	15	14	14	13	11	10	10	10	13
19	9	10	9	9	9	9	10	13	14	13	15	15	15	15	14	14	14	15	15	17	20	20	23	20	14
20	18	17	16	15	14	14	15	16	16	13	11	10	9	10	10	10	13	15	13	13	12	14	13	15	13
21	18	19	19	23	21	23	36	34	32	22	19	20	21	21	22	19	18	17	15	13	12	11	11	11	20
22	10	10	10	10	10	10	10	10	10	10	11	14	15	18	15	13	14	14	14	14	12	10	8	7	12
23	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	12	12	12	12	11	11	11	11	11	12	12	13	13	13	14	14	14	15	15	14	14	14	13	13	13
25	13	13	12	12	12	13	15	20	27	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
26																									
27																									
28																									
MEAN	15	15	15	17	17	17	18	19	20	17	16	16	17	17	17	17	18	17	17	17	16	16	16	15	17

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	13	13	13	12	12	12	11	11	11	12	12	11	12	11	12	13	13	12	12	15	16	17	18	19	13
10	15	13	13	13	12	12	10	9	8	7	7	7	7	7	7	8	8	8	9	9	10	10	11	10	10
11	10	12	14	16	16	20	23	30	27	25	19	20	17	17	17	16	16	20	22	16	12	12	31	11	18
12	11	11	10	9	9	8	9	9	9	8	7	8	8	10	10	11	12	13	12	10	9	8	8	7	9
13	5	5	5	5	5	5	6	11	9	7	7	8	6	6	6	6	7	7	7	7	6	6	5	5	6
14	4	4	3	3	3	4	5	10	9	7	7	7	8	9	9	9	11	13	14	22	16	15	22	17	10
15	18	13	11	12	13	13	14	18	18	14	14	12	15	15	14	13	12	11	10	10	9	9	10	10	13
16	10	9	10	10	10	9	9	9	9	11	14	15	16	16	19	15	14	15	13	12	10	9	8	12	12
17	9	9	8	7	7	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6
18	5	5	4	4	4	4	5	6	7	6	6	6	6	6	7	8	9	9	10	10	10	10	12	12	7
19	15	15	17	19	19	18	17	18	17	17	17	16	15	14	12	15	14	15	14	15	12	12	14	12	15
20	13	13	14	14	15	15	18	18	16	17	17	18	18	18	17	15	13	13	13	13	12	12	12	16	15
21	14	15	15	16	16	16	16	17	19	18	19	19	18	17	16	16	16	15	14	15	14	14	14	15	16
22	15	14	14	15	16	16	18	19	17	15	14	14	14	14	14	15	16	17	15	14	14	16	18	19	16
23	18	17	17	17	16	15	15	16	16	16	16	15	15	17	17	17	16	16	16	16	17	16	16	16	16
24	17	18	17	16	16	16	16	15	15	15	15	16	15	16	16	16	15	14	14	13	13	13	13	13	15
25	13	14	15	15	15	16	19	22	24	22	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	11	11	12	12	12	11	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	12
30	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	13	13	11
31	13	13	12	12	13	14	15	16	16	18	19	19	21	21	20	19	18	15	14	13	12	11	11	11	15
MEAN	12	12	12	12	12	12	13	14	14	13	13	13	13	13	13	13	13	13	13	13	12	12	13	12	13

PERCENTAGE OF DATA VALID - 65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH APR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	11	12	13	13	14	15	15	14	15	15	16	17	18	18	16	14	13	13	12	12	12	12	14
2	12	12	11	11	11	11	12	16	24	16	14	15	16	15	14	13	13	15	15	17	16	17	19	19	15
3	19	21	22	29	28	33	38	33	30	27	26	26	24	21	19	17	16	16	15	16	17	18	19	23	23
4	21	22	19	19	19	18	16	19	19	19	19	19	19	18	16	16	17	17	16	16	15	15	15	15	18
5	16	16	16	15	14	13	14	15	16	15	14	14	11	11	11	11	11	11	11	11	11	11	11	11	11
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	14	15	15	15	15	14	14	15	15	15	14	14	15	16	16	17	17	16	18	21	26	20	18	19	17
10	46	21	18	18	17	16	17	18	18	15	14	14	13	12	12	12	11	12	16	19	33	39	28	34	20
11	32	24	25	25	24	24	24	25	22	17	15	13	12	12	12	15	16	17	18	19	21	27	32	32	21
12	29	23	19	19	18	17	17	16	16	16	15	15	15	15	15	15	16	15	15	15	15	15	16	16	17
13	16	17	16	17	18	19	19	21	21	20	20	20	18	15	14	14	14	16	17	19	22	22	26	27	19
14	29	27	24	24	21	19	19	18	17	17	16	16	16	16	18	16	17	17	16	16	17	16	16	15	18
15	15	14	14	14	14	14	14	15	14	14	14	14	14	14	14	14	15	15	15	14	14	14	15	15	14
16	15	15	15	15	16	17	19	21	19	17	16	17	12	11	11	12	13	13	17	19	18	18	22	22	16
17	23	18	17	18	18	17	17	22	18	15	14	13	12	12	12	12	12	13	15	19	21	25	24	17	17
18	23	21	20	19	17	16	17	22	22	18	18	17	17	17	17	17	19	19	18	20	19	18	17	17	19
19	16	16	17	18	16	16	16	17	15	15	14	14	13	14	13	14	15	16	16	15	17	21	23	26	31
20	38	42	40	41	44	42	39	26	19	17	15	14	13	13	13	13	13	13	12	13	14	16	19	21	23
21	19	21	22	23	21	20	20	19	21	22	21	20	19	18	18	19	19	19	17	17	17	16	17	16	19
22	16	16	17	17	18	19	21	23	23	22	23	22	21	22	24	28	27	28	27	25	23	23	20	22	22
23	18	17	16	16	15	16	17	23	22	20	19	19	18	18	17	17	17	17	17	19	16	16	15	15	18
24	15	15	15	14	14	21	16	18	16	17	16	17	17	18	18	18	20	22	22	22	19	20	20	20	18
25	20	21	23	22	27	31	28	36	34	28	15	15	12	10	9	9	10	11	10	11	13	13	17	18	19
26	19	19	24	18	19	21	20	18	18	15	15	14	13	13	14	16	18	21	21	26	32	32	32	30	20
27	26	26	27	36	38	39	40	21	17	17	17	16	15	14	13	11	11	12	13	13	14	15	16	18	20
28	21	25	23	27	25	22	20	21	19	19	16	14	13	14	13	14	15	16	16	14	13	13	14	15	18
29	15	15	16	17	16	18	24	24	24	18	17	18	15	15	13	13	12	12	12	15	15	28	19	16	17
30	16	17	19	25	28	32	37	28	23	22	18	17	16	16	16	18	21	23	21	20	21	16	15	38	22
MEAN	21	20	19	20	20	21	21	21	20	18	17	16	15	15	15	15	16	16	16	17	18	19	19	21	18

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	8	7	7	9	12	10	9	9	8	8	8	8	8	10	10	11	12	15	14	14	16	14	10
2	13	14	14	15	15	14	13	12	10	9	8	8	9	9	10	10	10	10	10	10	10	10	11	11	11
3	12	13	12	14	14	16	17	20	23	22	19	21	17	20	23	22	20	13	10	10	8	8	8	8	15
4	8	8	8	8	8	9	10	12	12	14	13	13	17	13	11	18	12	12	14	15	19	22	26	30	14
5	34	37	40	37	31	28	23	16	15	12	11	11	10	10	11	10	10	10	10	10	10	9	8	9	17
6	11	13	14	16	15	17	18	16	15	15	15	15	15	13	12	12	11	11	11	10	10	10	10	10	13
7	10	10	10	9	10	12	14	15	12	11	12	11	12	12	14	12	13	12	11	12	13	18	23	21	13
8	20	24	21	23	24	27	28	24	19	16	14	13	12	11	12	12	12	12	12	13	12	12	12	11	17
9	11	11	11	11	11	12	13	15	18	19	21	19	22	21	18	21	19	18	27	17	15	14	14	14	16
10	15	14	13	13	14	17	19	18	16	14	****	****	14	14	14	17	16	15	17	21	25	26	19	16	17
11	15	14	14	16	16	17	17	16	14	13	11	11	10	10	11	11	11	11	12	12	11	12	13	14	13
12	15	13	13	12	12	12	11	12	15	20	22	21	18	16	15	15	14	12	13	16	15	14	12	10	15
13	9	8	8	9	9	10	11	12	11	10	****	****	15	14	14	****	****	****	****	****	****	19	20	19	12
14	19	16	16	15	16	15	14	13	12	13	13	13	****	15	15	12	13	18	29	38	40	36	31	30	20
15	31	30	20	18	22	23	20	18	16	19	****	13	13	13	13	13	13	13	14	15	20	23	24	26	19
16	31	31	32	33	36	35	27	24	24	25	22	21	22	24	27	24	22	20	19	20	20	21	21	25	25
17	20	21	23	25	30	39	40	36	26	21	19	16	14	18	20	19	19	23	23	27	25	57	24	23	25
18	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19																									
20																									
21	15	14	14	16	16	17	17	16	14	13	11	11	10	10	11	11	11	11	12	12	11	12	13	14	13
22	15	13	13	12	12	12	11	12	15	20	22	21	18	16	15	15	14	12	13	16	15	14	12	10	15
23	9	8	8	9	9	10	11	12	11	10	****	****	15	14	14	****	****	****	****	****	****	19	20	19	12
24	19	16	16	15	16	15	14	13	12	13	13	13	****	15	15	12	13	18	29	38	40	36	31	30	20
25	31	30	20	18	22	23	20	18	16	19	****	13	13	13	13	13	13	13	14	15	20	23	24	26	19
26	31	31	32	33	36	35	27	24	24	25	22	21	22	24	27	24	22	20	19	20	20	21	21	25	25
27	20	21	23	25	30	39	40	36	26	21	19	16	14	18	20	19	19	23	23	27	25	57	24	23	25
28	23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29																									
30																									
31	16	15	14	14	15	15	15	16	16	16	16	16	16	15	14	17	18	16	16	15	13	28	16	15	16
MEAN	17	17	17	18	18	20	20	19	17	17	17	16	15	15	15	15	15	15	16	17	17	19	18	17	17

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	15	16	18	19	21	19	22	16	15	15	14	15	16	16	16	16	18	20	24	27	29	18
2	29	29	24	21	19	19	18	15	14	14	15	16	16	15	13	12	12	11	14	18	20	21	24	24	18
3	24	30	28	24	21	27	34	32	24	22	21	23	16	13	13	14	13	13	14	16	18	19	22	21	21
4	26	23	23	24	25	26	30	30	27	25	21	17	16	16	15	14	13	13	15	18	18	20	23	24	21
5	25	27	28	34	29	29	29	26	23	22	20	17	16	15	15	14	12	12	16	17	18	21	19	21	21
6	24	22	22	24	24	23	22	22	16	14	16	15	****	13	13	14	14	13	14	16	15	15	14	15	17
7	15	16	15	15	15	16	16	16	13	13	13	13	13	13	13	13	13	13	14	15	22	24	21	17	15
8	17	17	17	16	16	16	16	15	14	14	15	15	15	15	16	15	16	17	20	19	18	18	20	25	17
9	29	32	30	28	25	24	22	20	19	19	19	18	17	16	16	15	16	16	17	18	20	22	21	21	21
10	22	20	19	18	18	19	21	21	21	19	17	17	17	19	18	18	19	21	19	19	22	23	18	17	19
11	16	14	14	13	13	13	13	13	13	12	13	12	12	****	****	16	16	14	15	19	20	21	26	28	16
12	24	26	25	22	19	21	27	22	17	14	12	18	11	****	16	16	15	16	19	20	18	20	24	31	20
13	29	24	25	22	20	24	28	25	20	20	19	17	18	18	17	18	19	19	22	24	28	25	27	29	22
14	29	32	31	36	35	36	34	36	28	23	19	****	****	13	13	13	14	14	13	14	15	16	17	16	23
15	15	16	16	16	16	16	17	19	23	21	17	15	14	14	13	13	14	18	18	15	12	12	13	16	16
16	16	15	16	17	13	14	15	15	16	13	11	12	12	13	12	13	14	13	13	13	14	13	16	21	14
17	21	23	24	22	22	21	24	20	16	14	14	14	13	14	****	14	16	15	16	16	16	15	17	17	18
18	15	14	15	14	15	17	21	21	21	17	17	17	****	21	21	18	19	19	19	20	21	20	17	18	18
19	17	15	17	17	16	18	22	18	21	16	15	15	12	10	10	11	12	13	14	16	16	16	18	19	16
20	21	24	28	24	25	25	31	35	27	24	24	20	19	19	18	19	17	15	16	18	24	30	29	32	24
21	28	24	19	24	30	29	28	19	15	15	18	18	****	****	18	****	****	****	****	****	****	****	****	****	****
22																									
23																									
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	16	17	18	16	17	23	22	22	15	14	15	15	12	13	****	14	12	13	13	17	17	17	18	19	16
26	18	18	17	15	15	16	17	17	16	16	14	13	13	13	13	13	14	15	15	17	22	19	23	16	
27	21	27	33	32	36	44	38	28	24	17	14	13	13	13	12	12	12	12	14	19	24	20	22	21	
28	17	18	17	20	19	18	17	15	14	13	12	12	13	****	13	13	14	14	14	15	15	14	14	11	15
29	12	19	17	17	17	22	18	17	20	21	22	22	22	21	17	17	18	16	15	20	27	25	23	23	20
30	20	19	18	18	17	15	14	14	13	12	12	12	15	16	14	14	13	13	13	14	15	16	17	17	15
MEAN	21	21	21	21	20	22	23	21	19	17	16	16	15	15	15	15	15	15	16	17	19	20	20	21	18

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL

74

STATION -	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	21	23	26	26	28	25	19	16	16	17	16	13	12	12	12	12	12	13	15	19	25	20	17	18
2	18	18	19	18	15	15	16	17	15	15	15	13	15	12	12	12	12	12	15	17	19	21	21	22	17
3	23	20	16	17	19	17	24	33	38	27	25	25	22	18	17	19	18	21	20	23	34	38	39	27	24
4	24	22	23	25	23	24	25	24	21	20	19	19	17	18	17	17	17	18	19	17	22	20	19	19	20
5	17	17	16	17	17	19	19	16	14	13	13	13	13	15	13	14	15	15	17	18	18	17	19	25	16
6	18	30	22	22	23	25	25	19	18	18	19	19	19	17	19	20	20	20	20	22	24	25	26	25	22
7	29	30	30	31	27	25	23	22	20	18	18	17	18	16	18	16	15	16	18	23	26	26	26	25	22
8	25	25	24	26	30	40	38	30	25	20	18	17	18	17	17	21	18	18	18	18	20	25	28	24	23
9	24	23	20	18	18	21	24	21	18	17	20	15	15	15	15	15	15	16	17	21	23	18	17	17	18
10	18	18	18	15	16	18	19	16	16	16	22	17	17	16	17	17	17	17	17	17	16	16	14	14	17
11	14	15	17	15	15	16	15	14	14	14	14	14	16	16	16	16	17	16	18	18	15	15	15	14	15
12	12	12	13	14	14	18	22	20	15	15	16	15	17	15	15	16	17	19	18	20	19	20	22	21	17
13	20	18	21	23	21	22	19	16	14	14	15	16	18	17	17	17	17	16	18	21	24	22	21	19	19
14	20	23	26	26	26	24	20	16	15	14	12	12	14	17	17	16	16	15	16	17	22	24	21	16	19
15	14	15	15	16	16	16	18	17	16	16	16	19	16	16	21	17	17	17	17	17	17	17	26	17	17
16	18	16	16	16	16	16	19	18	18	17	16	16	16	16	17	16	16	16	18	21	23	20	22	25	18
17	25	25	26	26	25	26	31	29	27	24	27	28	25	22	26	30	25	23	22	20	20	25	27	26	25
18	23	23	25	24	22	21	23	22	22	21	21	20	20	21	21	23	23	22	21	24	26	29	31	23	23
19	23	21	20	17	16	17	21	19	17	16	17	16	16	16	21	17	18	17	17	19	19	18	19	18	18
20	17	17	17	17	17	17	17	15	15	15	15	16	17	17	17	15	15	16	18	18	18	17	18	18	17
21	17	17	18	18	18	18	18	18	18	18	16	16	15	14	14	14	15	16	17	21	26	30	35	32	19
22	31	34	32	32	30	31	28	22	18	15	14	14	14	14	14	14	14	14	15	15	15	16	17	20	20
23	19	17	18	19	19	22	24	25	21	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
24	- DATA MISSING -																								
25	16	16	15	13	11	13	13	12	12	12	13	14	16	14	14	13	13	13	13	14	16	16	16	16	16
26	20	17	16	15	12	12	14	16	14	13	13	12	12	10	10	13	12	9	9	13	16	19	24	26	14
27	28	25	25	24	21	22	24	20	21	15	11	10	11	11	10	9	9	9	12	15	17	19	23	25	17
28	19	16	15	15	16	16	16	17	18	14	17	20	17	15	15	16	18	18	17	17	19	27	27	28	18
29	23	17	14	21	24	26	26	22	17	16	17	14	13	14	18	18	17	17	19	22	28	27	24	24	20
30	24	22	19	21	19	19	21	20	17	16	16	18	15	16	17	20	15	14	14	16	20	25	25	25	19
MEAN	21	20	20	20	20	21	22	20	18	17	17	17	16	16	17	17	16	16	17	18	21	22	23	22	19

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG

74

STATION -	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	25	20	19	22	25	24	23	20	18	19	18	18	19	17	17	15	17	20	28	29	28	31	22
2	32	28	23	24	25	23	23	25	21	19	15	13	14	14	14	13	14	14	16	16	18	21	22	24	20
3	21	19	18	19	19	21	22	21	17	16	15	13	14	14	14	14	14	14	17	21	25	27	25	26	19
4	26	26	27	25	22	20	18	18	21	21	18	15	15	14	12	13	13	13	14	14	15	16	19	20	18
5	17	17	17	17	18	17	15	15	15	16	19	19	19	18	18	18	18	17	17	19	28	26	24	25	19
6	26	27	28	26	27	29	32	33	33	23	21	19	17	15	15	14	15	15	17	18	19	20	21	20	22
7	19	20	20	22	23	25	27	23	25	22	23	19	16	15	16	16	17	19	22	27	33	38	43	42	24
8	44	46	53	37	38	39	47	58	32	30	28	22	21	20	21	23	23	23	22	25	23	22	23	24	31
9	24	27	27	29	28	28	22	18	18	17	17	17	16	15	15	14	15	16	17	18	21	22	24	23	21
10	19	16	17	19	19	20	19	15	14	14	12	12	12	12	12	13	14	15	15	18	21	20	19	16	16
11	16	16	17	17	21	23	23	17	13	12	11	11	12	12	12	13	13	14	14	17	16	17	14	15	15
12	15	15	15	14	14	16	21	22	22	21	19	17	15	16	17	22	21	20	23	26	31	29	34	31	21
13	30	28	35	34	35	39	39	31	21	19	19	18	16	16	21	21	19	17	19	20	26	17	30	19	25
14	14	14	15	17	18	19	21	18	16	17	17	17	17	17	17	18	18	18	25	26	21	19	19	18	18
15	19	20	21	19	20	21	22	19	16	15	13	14	14	14	13	15	15	15	16	17	20	22	24	26	18
16	22	23	27	27	35	28	30	25	17	17	17	14	15	15	16	16	16	14	14	17	19	25	27	33	21
17	33	26	20	20	22	24	26	26	26	24	21	18	16	15	16	18	21	22	19	20	16	17	17	14	21
18	15	17	18	18	17	17	17	16	15	15	16	14	11	12	13	13	14	15	16	17	22	23	22	19	16
19	21	21	22	24	26	29	34	24	20	20	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
20	37	34	32	26	24	24	28	23	20	16	14	13	13	13	13	15	13	14	15	15	16	16	21	22	20
21	26	28	34	31	34	35	38	34	26	23	18	18	16	19	19	19	19	20	22	24	23	34	35	26	26
22	40	42	46	51	52	42	34	29	26	24	24	23	20	19	19	19	20	21	24	25	26	27	35	39	30
23	42	40	40	40	37	39	47	45	35	29	28	22	22	22	21	29	34	41	40	32	32	34	27	23	34
24	25	25	23	22	23	25	23	21	21	20	20	19	20	21	21	20	20	20	21	25	26	28	30	27	23
25	28	29	28	28	27	27	27	26	24	21	17	15	15	15	15	15	15	15	15	19	23	25	25	26	22
26	26	26	31	36	38	35	39	34	22	20	21	22	22	27	22	19	21	22	22	24	25	27	26	25	27
27	24	24	23	38	29	31	32	32	32	27	21	23	25	25	28	31	31	27	55	29	28	30	30	30	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS											UNITS - 0.1 PARTS/MILLION														
STATION - LAWRENCE/KENNEDY SCARBOROUGH											NO 33003														
											MONTH SEP 74														
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	29	27	31	30	32	34	33	27	24	24	22	21	21	18	17	19	23	22	28	23	23	22	25	25
2	25	23	23	23	23	23	24	23	24	24	21	21	18	21	23	21	21	20	20	20	18	18	20	20	22
3	18	19	20	19	19	19	20	22	21	19	18	18	17	17	19	20	21	20	23	31	26	25	26	57	22
4	25	25	24	24	25	25	34	36	25	21	18	17	20	23	23	26	23	24	28	33	49	30	30	30	27
5	30	30	32	34	35	34	41	39	28	25	22	20	20	19	19	19	19	20	23	25	28	34	37	37	28
6	32	32	32	30	32	32	36	34	23	19	18	17	17	17	13	14	14	14	14	16	18	19	24	23	23
7	24	22	20	20	20	20	21	21	16	13	12	13	13	13	13	13	13	14	14	17	18	20	20	27	17
8	36	27	26	25	25	23	24	23	18	14	15	15	16	16	16	16	16	17	17	18	19	20	21	18	20
9	20	20	22	26	24	26	26	28	22	24	21	19	18	18	18	19	21	22	25	28	35	39	27	28	24
10	26	23	24	25	35	34	40	38	36	25	22	23	24	21	19	19	19	20	22	22	23	23	23	22	25
11	26	26	23	23	23	23	25	26	23	17	15	15	16	16	16	17	18	18	21	21	23	22	21	21	21
12	22	22	24	23	23	23	24	24	23	23	22	23	24	20	21	25	27	38	55	75	76	86	86	87	37
13	81	67	56	55	51	54	58	55	46	36	35	34	23	20	27	26	24	26	27	29	31	32	32	40	
14	42	40	39	50	49	52	46	34	29	23	27	27	29	32	35	36	37	41	53	63	63	62	65	68	43
15	53	50	45	45	45	35	31	21	14	14	14	13	14	21	21	27	26	29	38	37	38	32	32	37	31
16	35	40	48	45	41	41	45	36	27	28	31	33	23	23	23	23	23	23	23	23	23	23	23	23	23
17																									
18																									
19																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	33	31	30	31	31	31	33	31	25	22	21	21	19	20	20	21	21	23	27	31	32	32	32	35	27
PERCENTAGE OF DATA VALID	51																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION																
STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003												MONTH OCT 74																
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	38	40	36	33	31	31	30	31	30	29	29	28	28	28	26	27	25	25	29	29	31	35	35	30	30			
2	27	27	43	24	24	23	31	29	26	25	24	23	24	25	27	30	31	29	36	37	38	63	44	39	31			
3	36	38	38	37	36	35	35	36	31	27	25	23	26	28	29	30	28	41	69	53	53	53	53	55	38			
4	63	62	60	62	65	63	64	63	52	37	32	20	19	19	21	24	23	21	21	22	24	26	26	25	40			
5	24	24	25	28	29	31	31	28	23	20	20	20	19	19	17	17	18	18	19	20	21	21	23	26	23			
6	28	33	35	35	41	38	34	29	31	28	27	24	25	23	22	20	22	23	23	23	22	22	20	17	27			
7	15	17	18	19	17	18	20	18	17	17	19	23	25	18	23	24	27	25	19	17	21	25	28	20				
8	27	25	26	28	31	40	74	37	28	28	25	21	19	18	19	20	18	19	20	20	22	22	20	21	26			
9	23	23	21	21	23	24	28																					
10													- DATA MISSING -															
11													- DATA MISSING -															
12													- DATA MISSING -															
13													- DATA MISSING -															
14													- DATA MISSING -															
15													- DATA MISSING -															
16													- DATA MISSING -															
17													- DATA MISSING -															
18													- DATA MISSING -															
19													- DATA MISSING -															
20													- DATA MISSING -															
21													- DATA MISSING -															
22													- DATA MISSING -															
23													- DATA MISSING -															
24													- DATA MISSING -															
25													- DATA MISSING -															
26													- DATA MISSING -															
27													- DATA MISSING -															
28													- DATA MISSING -															
29													- DATA MISSING -															
30													- DATA MISSING -															
31													- DATA MISSING -															
MEAN	31	32	34	32	33	34	39	34	30	26	25	23	24	23	22	24	24	25	30	28	29	33	30	30	29			
PERCENTAGE OF DATA VALID	-				26																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13	29	28	26	25	25	25	25	26	28	26	25	24	25	25	25	25	26	28	29	32	31	29	29	30	30
14	29	28	26	25	25	25	25	26	28	26	25	24	25	25	25	25	26	28	29	32	31	29	29	30	30
15	24	24	24	23	23	24	25	27	28	27	25	25	23	25	25	25	26	26	26	26	27	27	26	25	25
16												- DATA MISSING -													
17												- DATA MISSING -													
18	48	41	35	33	31	34	38	28	22	19	22	24	22	22	22	28	29	31	29	31	33	36	37	46	46
19	19	18	19	19	19	15	21	19	21	22	27	29	26	27	38	31	31	34	30	28	26	24	24	24	25
20																									
21	24	23	23	23	20	18	18	20	21	19	20	20	19	19	30	20	19	19	19	19	20	18	18	19	20
22	17	17	17	18	19	19	20	24	24	22	21	21	21	23	28	29	30	36	41	45	49	49	45	45	28
23	41	38	33	33	38	33	34	34	35	34	33	32	32	31	29	29	33	34	36	34	36	34	33	34	34
24	33	31	30	29	28	29	30	31	32	31	30	31	31	31	32	31	31	28	27	26	30	25	24	23	29
25	22	22	21	22	21	21	23	26	24	23	22	23	23	24	24	23	25	22	22	18	38	21	20	23	
26	19	19	18	18	17	31	21	24	25	20	20	20	20	20	27	21	24	30	27	26	27	28	33	34	24
27	27	26	33	39	26	24	29	27	24	25	24	23	21	20	19	17	18	18	18	22	19	18	17	17	23
28	18	17	17	17	17	17	17	18	19	23	30	27	27	26	26	23	22	22	27	29	28	27	27	22	23
29	18	18	19	24	22	21	23	29	30	23	22	22	21	21	22	24	22	25	54	30	27	22	19	24	
30	19	18	18	18	18	19	18	19	21	20	18	18	18	19	18	18	17	17	17	17	16	16	16	16	18
MEAN	26	24	24	24	23	24	24	25	25	24	24	24	24	24	26	24	25	26	26	28	27	28	26	26	25

PERCENTAGE OF DATA VALID - 46

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH DEC

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	15	15	15	15	15	16	16	16	16	16	16	16	16	15	15	15	16	16	16	16
2	16	16	15	16	16	16	16	16	16	17	17	17	16	16	16	16	17	18	17	17	17	17	22	18	17
3	18	17	20	18	18	17	18	19	19	18	19	19	19	19	19	18	20	20	20	27	28	18	18	18	19
4	17	17	16	16	16	16	17	19	20	19	19	20	21	22	22	22	26	30	27	34	29	30	35	38	23
5	39	44	38	34	26	23	19	20	21	19	19	18	20	20	22	28	28	30	30	30	31	34	33	36	28
6	34	35	33	33	36	37	35	39	41	37	32	38	22	21	22	24	27	26	26	28	34	34	34	32	
7	33	29	35	33	30	28	27	27	27	27	27	27	27	27	27	27	27	27	27	27	28	26	25	25	28
8	25	26	26	25	29	28	28	26	25	25	26	27	29	30	32	31	30	30	30	30	29	26	26	24	28
9	20	23	23	22	22	22	23	24	25	24	24	23	23	23	24	22	23	24	23	22	21	20	20	19	23
10	21	19	19	18	18	18	20	22	23	23	23	23	21	22	23	23	25	26	26	25	24	23	22	23	22
11	22	22	22	22	22	23	23	28	28	26	26	24	26	28	26	26	26	27	27	28	26	25	26	26	25
12	25	26	25	24	23	23	25	26	27	28	27	27	27	27	28	28	30	29	29	30	30	29	29	29	27
13	26	26	26	23	23	23	26	30	30	28	27	26	26	23	21	21	22	23	24	23	22	22	22	23	24
14	23	23	22	22	22	21	22	23	25	25	25	29	33	24	24	24	25	26	23	22	22	21	21	21	24
15	21	21	21	21	20	20	20	21	21	22	22	23	24	24	25	25	25	29	29	26	27	26	24	23	23
16	23	22	20	21	21	21	21	22	23	22	21	21	21	21	21	24	29	33	34	37	30	29	25	24	24
17	24	24	23	24	23	23	24	27	26	26	25	23	23	22	22	24	26	26	25	25	24	23	22	22	24
18	21	21	19	19	19	19	20	22	23	22	22	22	22	22	22	24	26	26	26	26	26	26	26	26	24
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24	27	27	26	26	26	26	26	29	32	30	29	30	30	29	33	31	30	30	30	32	30	28	28	27	29
25	27	27	26	27	25	24	24	24	25	25	26	26	25	26	27	26	26	26	25	25	25	25	24	25	25
26	24	23	23	23	23	24	24	25	26	25	27	26	25	25	25	25	24	24	24	24	25	24	24	24	24
27	24	23	23	23	24	23	24	24	24	24	25	24	24	25	24	25	26	26	26	26	25	25	24	24	24
28	24	24	24	24	24	24	26	26	27	28	27	26	26	26	26	26	26	26	26	26	25	25	24	25	26
29	24	24	23	23	22	22	23	23	23	24	23	24	23	24	24	24	24	24	25	26	26	26	26	26	24
30	25	24	24	24	24	24	25	26	26	25	25	31	27	26	26	26	25	27	26	25	25	25	28	26	26
31	25	25	23	23	24	27	28	34	38	37	32	30	28	28	30	31	30	29	29	28	28	28	32	28	29
MEAN	24	24	24	23	23	23	23	25	25	25	24	24	25	24	24	25	26	26	26	26	26	25	25	25	25

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	18	25	65
FEB	25	17	25	39
MAR	22	13	18	31
APR	28	18	23	46
MAY	29	17	28	57
JUN	28	18	24	44
JUL	30	19	25	40
AUG	31	23	34	58
SEP	16	27	43	87
OCT	9	29	40	74
NOV	16	25	34	54
DEC	27	25	32	44
YEAR	292	20	43	87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	5	491	171	8	1	0	0	0	676
FEB	49	392	102	14	0	0	0	0	557
MAR	139	329	19	1	0	0	0	0	488
APR	5	461	141	31	0	0	0	0	638
MAY	76	396	146	28	0	0	0	0	646
JUN	2	428	186	20	0	0	0	0	636
JUL	9	434	218	17	0	0	0	0	678
AUG	0	295	329	98	0	0	0	0	722
SEP	0	83	188	86	12	0	0	0	369
OCT	0	27	110	48	10	0	0	0	195
NOV	0	80	192	65	0	0	0	0	337
DEC	0	88	482	47	0	0	0	0	617
YEAR	285	3504	2284	463	23	0	0	0	6559

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	3	12.0	15.1	17.8	21.8	28.1	32.8	38.7	44.9	87	19.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	14	14	14	15	14	14	14	14	13	13	13	13	13	14	14	14	14	14	15	15	14
2	14	14	13	13	13	13	14	16	18	17	16	17	16	15	15	17	16	16	16	17	16	16	16	17	15
3	17	16	15	15	16	19	23	28	26	20	16	15	14	14	14	15	18	17	20	23	22	19	18	19	18
4	16	16	15	15	16	16	15	17	17	16	15	15	14	14	14	14	16	17	17	17	16	17	17	17	16
5	18	16	15	16	20	31	46	25	20	19	18	16	15	15	15	15	17	16	16	17	17	17	19	18	19
6	18	18	17	19	18	16	17	16	16	17	17	17	16	15	15	15	16	16	14	14	15	16	17	16	16
7	16	16	17	17	16	16	17	17	19	17	16	16	16	17	15	14	15	15	15	14	14	14	14	14	16
8	15	15	14	14	14	13	14	14	16	14	13	14	13	14	14	16	16	16	14	14	14	14	14	14	14
9	13	13	12	12	12	12	12	13	13	13	12	13	13	13	15	15	17	19	18	18	17	17	16	16	14
10	15	15	15	15	15	14	14	16	17	17	17	16	17	16	17	18	18	18	18	16	16	15	15	15	16
11	15	14	14	14	14	14	14	15	16	16	15	14	14	14	14	14	16	29	30	32	35	36	39	37	20
12	41	28	23	25	16	15	15	16	16	15	14	15	15	15	15	15	26	33	34	35	18	17	17	21	
13	18	17	17	16	17	17	16	17	17	17	17	16	16	16	16	17	17	18	18	35	41	44	27	33	21
14	32	17	16	16	16	17	19	19	17	17	18	19	20	18	18	16	18	19	18	19	19	19	19	19	19
15	19	19	18	18	18	18	19	19	19	18	19	18	19	20	20	20	18	17	16	16	15	16	18	18	18
16	18	18	20	17	16	17	17	20	20	22	24	24	22	21	21	22	18	19	18	17	15	15	15	15	19
17	15	14	14	14	14	14	14	15	16	15	14	14	15	15	15	16	16	17	16	15	15	15	14	15	15
18	14	14	14	14	14	14	14	16	18	16	15	16	16	17	17	17	18	19	17	17	18	16	16	16	16
19	17	16	17	18	49	48	42	35	28	34	16	14	14	14	15	15	16	31	36	26	31	36	39	26	
20	35	34	29	25	16	15	15	15	15	15	14	14	14	14	14	14	14	14	14	15	15	15	15	18	
21	14	13	13	13	13	13	13	15	15	15	15	15	21	25	27	27	25	22	22	20	16	16	15	14	14
22	14	13	13	13	13	13	13	15	15	15	15	15	15	15	15	16	18	17	16	16	16	17	18	18	15
23	17	17	18	18	22	22	23	22	24	21	20	19	18	18	17	15	15	15	15	14	14	15	17	16	18
24	16	18	17	17	18	21	17	17	19	19	18	16	16	15	16	15	16	16	16	16	16	19	19	20	17
25	19	17	18	18	18	22	20	21	21	20	19	17	17	17	16	17	18	18	19	21	19	18	18	18	19
26	25	18	26	39	40	41	24	25	36	22	18	16	17	16	18	20	18	19	21	22	22	17	17	17	23
27	17	15	16	14	13	14	13	14	14	14	14	14	14	15	15	15	15	16	16	16	16	16	16	16	15
28	16	16	16	16	16	17	17	19	21	21	19	17	17	19	17	18	19	18	17	15	17	16	17	16	17
29	16	15	14	16	15	15	15	15	14	15	16	15	15	14	14	15	15	16	16	15	16	16	18	16	15
30	17	17	16	17	16	16	15	18	16	16	16	16	16	16	16	17	17	18	18	18	16	16	16	16	17
31	16	16	16	15	15	15	15	16	16	17	17	17	16	13	13	13	13	13	13	13	14	13	14	14	15
MEAN	18	17	17	17	18	18	18	18	18	18	16	16	16	16	16	16	17	18	18	19	19	18	18	18	17

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	13	13	13	14	14	15	14	14	15	15	15	15	15	16	15	14	14	14	14	14	14	14
2	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
3	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
4	13	13	13	13	13	13	14	18	19	17	16	15	15	14	14	14	15	15	14	13	15	17	16	15	15
5	15	14	14	14	14	13	14	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6	14	14	13	14	14	14	14	15	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14
7	13	13	13	13	13	13	12	14	15	13	13	13	13	13	13	14	14	15	14	15	18	20	29	28	15
8	36	37	26	24	26	29	34	36	35	24	18	17	16	15	15	15	16	17	18	17	25	35	34	25	
9	34	35	31	29	24	20	27	28	31	16	14	14	14	14	15	15	15	16	18	19	16	15	17	16	21
10	19	28	18	31	21	17	16	16	16	16	15	15	15	15	15	15	15	15	16	15	16	17	17	15	17
11	14	15	14	14	13	13	13	14	14	13	13	13	14	14	14	14	15	16	17	17	18	18	17	17	15
12	16	17	18	26	37	26	22	18	20	22	19	17	17	17	17	16	16	17	17	17	16	16	16	17	19
13	17	52	61	62	38	62	49	52	36	25	20	18	18	16	16	16	15	14	14	13	13	13	13	13	28
14	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	13	14	14	14	15	14	14	16	24	14
15	26	19	14	14	14	15	19	34	24	16	15	15	17	18	18	18	18	18	26	55	49	56	53	25	
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19	16	16	18	18	17	17	18	22	24	21	19	23	21	21	20	19	19	17	18	18	22	20	20	22	19
20	21	16	15	14	14	14	14	14	15	14	14	14	14	14	14	14	14	15	15	15	17	17	18	26	16
21	35	33	39	43	44	35	30	39	42	22	18	19	18	19	19	18	16	17	17	15	15	15	15	15	25
22	15	14	14	15	15	15	15	16	17	16	17	22	21	19	19	19	16	16	16	15	15	14	12	13	16
23	13	13	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	13	14	13
24	14	15	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
25	13	13	13	12	12	12	12	13	13	13	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13
26	15	14	15	16	15	14	15	16	17	15	14	13	14	14	14	14	14	15	16	21	26	18	17	17	16
27	17	17	17	16	15	15	15	16	16	16	16	15	16	16	16	16	17	19	20	22	22	25	21	21	18
28	21	20	18	18	18	18	18	18	19	19	18	17	17	17	17	17	17	18	19	21	20	21	22	22	19
MEAN	19	19	18	20	19	19	19	20	19	16	15	15	15	15	15	15	15	16	16	16	18	18	18	19	17

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	19	19	17	16	15	15	16	16	15	15	15	15	15	15	15	15	16	16	16	16	35	37	32	18
2	22	18	18	17	16	17	16	16	16	17	17	17	18	18	18	20	18	18	18	18	17	18	17	17	18
3	17	16	16	17	16	16	16	17	17	17	18	21	27	25	36	41	25	20	20	18	16	16	16	16	20
4	16	14	15	15	15	16	17	20	24	20	22	25	27	19	19	19	19	18	18	19	18	16	16	27	19
5	24	23	17	15	14	14	16	20	16	17	18	16	15	15	15	15	16	17	19	18	17	17	17	17	17
6	18	17	17	17	17	17	17	19	19	18	20	19	18	16	16	15	16	16	17	16	16	17	19	17	17
7	17	20	18	16	17	17	18	18	16	15	14	13	13	13	12	12	13	14	14	14	14	15	15	15	15
8	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	14	14	14	14	14	14	14
9	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	16	16	15	16	18	19	20	15
10	19	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	16	14
11	14	16	42	38	39	48	35	39	29	19	18	18	17	16	16	16	17	20	25	27	14	15	14	13	24
12	13	13	13	13	13	13	13	13	14	14	14	13	13	13	13	13	14	14	13	13	13	13	13	14	13
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
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15	52	40	36	29	38	26	39	20	21	19	15	15	15	15	15	15	15	15	15	15	16	15	15	15	22
16	14	14	14	14	13	13	13	14	14	14	15	14	14	14	15	14	14	14	14	14	14	13	13	13	14
17	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	13	13	13	13	13	13	12	12
18	12	12	12	12	12	12	13	13	13	13	13	13	13	14	13	13	14	15	14	14	15	14	14	13	13
19	13	14	16	17	18	13	12	12	12	13	13	13	13	13	13	14	14	14	14	14	14	14	14	13	14
20	14	14	14	26	20	25	31	17	16	15	14	12	12	12	13	14	14	14	16	16	15	15	14	14	16
21	14	14	14	13	13	13	13	15	15	15	14	14	13	13	13	14	14	14	14	14	16	18	17	17	14
22	16	16	16	15	15	14	15	15	15	14	14	14	14	14	14	15	15	16	14	15	15	14	16	15	15
23	14	14	14	14	14	14	14	15	14	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
24	14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	15	16	16	14
25	16	15	16	15	14	15	15	16	17	16	15	14	14	14	14	14	15	15	15	15	15	20	22	18	16
26	18	17	16	16	16	16	17	17	16	17	17	17	17	14	13	13	13	14	14	14	14	15	16	16	16
27	17	18	20	22	30	19	16	16	16	16	15	16	16	14	14	15	15	15	15	16	18	18	17	16	17
28	33	24	18	15	14	14	14	14	14	14	14	15	14	14	14	14	14	15	18	15	14	12	14	14	16
29	14	14	14	14	14	13	14	15	15	15	15	15	15	15	15	15	15	16	16	15	15	15	15	15	15
30	15	15	15	15	15	15	14	14	15	15	15	15	15	15	16	15	15	15	15	15	15	15	15	16	15
31	15	14	15	15	13	13	13	14	13	14	14	13	13	13	13	13	13	13	13	14	14	14	14	14	14
MEAN	17	16	17	16	17	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	17	17	16

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	12	12	12	12	11	12	12	13	12	13	14	13	13	12	16	16	15	15	15	15	15	16	16	13
2	14	14	15	15	14	16	17	18	25	17	17	17	17	16	17	16	17	21	18	19	18	20	18	18	17
3	18	19	21	28	36	45	39	35	29	25	20	19	20	19	21	20	19	19	18	22	24	38	25	18	25
4	18	24	16	14	16	15	15	16	16	16	17	16	16	17	17	18	18	18	19	17	17	18	18	17	
5	18	17	17	16	17	16	16	17	18	18	18	16	16	17	17	19	17	17	16	15	16	16	16	17	
6	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	26	38	25	19	19	17	
7	18	17	17	18	18	17	18	19	17	17	16	16	15	15	16	16	16	16	16	15	15	15	15	16	
8	15	15	15	15	15	15	15	16	17	16	16	17	16	16	17	18	19	18	18	18	17	16	16	16	
9	16	16	16	15	14	14	15	15	15	15	15	15	15	15	15	16	18	16	17	19	20	24	18	16	
10	16	15	15	15	15	14	15	15	15	14	14	14	14	13	14	14	15	15	15	17	33	43	45	42	19
11	42	38	56	49	20	17	17	17	17	17	17	17	17	17	17	18	19	19	20	22	24	23	39	48	25
12	70	49	20	18	19	18	18	18	18	18	18	18	19	19	19	18	19	19	19	19	18	19	19	18	22
13	19	19	19	21	24	83	71	28	23	23	20	19	18	17	18	19	18	19	19	20	25	41	40	39	28
14	43	42	53	46	27	18	18	19	19	19	19	21	19	21	21	22	18	18	20	18	18	18	18	17	24
15	16	16	16	16	16	16	16	16	17	16	16	16	16	16	17	17	17	17	17	17	18	18	17	17	17
16	17	17	17	17	17	20	22	19	17	17	16	15	15	15	15	15	15	15	16	22	24	19	21	21	18
17	20	19	19	18	19	20	26	22	20	18	17	17	16	16	16	17	16	17	16	17	20	21	21	24	22
18	22	17	16	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15
19	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	16	16	17	17	17	17	34	35	37	40
20	39	43	48	53	52	50	40	30	21	18	17	16	15	15	16	16	17	18	18	19	33	37	42	41	30
21	38	47	45	50	47	41	36	24	26	22	19	18	17	17	18	18	17	18	17	16	17	17	17	16	26
22	16	17	17	17	17	17	17	18	17	18	19	18	18	19	21	25	26	21	21	21	20	17	16	17	19
23	17	16	15	15	15	15	16	17	18	17	15	15	15	14	14	14	15	14	14	14	14	14	14	14	15
24	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	13	13	14	14	14	14	14	14	16
25	38	36	39	35	36	32	22	19	24	17	16	16	15	16	14	14	14	15	14	16	17	31	55	35	24
26	36	35	44	44	49	42	34	17	17	16	15	15	16	17	18	18	19	18	15	23	44	46	42	44	29
27	47	49	47	44	48	41	37	24	18	19	21	18	18	17	17	16	16	18	18	18	22	49	34	32	29
28	40	40	46	37	34	61	31	20	18	18	17	16	16	17	17	19	19	18	17	17	19	19	19	19	25
29	18	19	20	20	18	18	22	20	22	19	19	21	19	18	17	15	15	15	16	16	16	16	16	18	18
30	33	55	51	66	54	48	31	22	19	17	18	17	17	18	21	21	23	20	19	21	18	16	15	28	
MEAN	25	26	26	26	24	26	23	19	18	17	17	17	16	16	17	17	17	17	17	17	21	24	24	23	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	14	14	15	15	15	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	17	14
2	24	31	27	27	20	15	15	15	15	16	15	15	15	15	15	15	15	15	15	14	14	14	14	15	17
3	16	14	19	18	21	16	19	23	25	26	21	23	21	19	20	24	16	14	14	15	14	13	14	13	18
4	13	13	13	13	13	13	13	13	12	13	12	13	13	13	13	13	13	15	15	16	15	41	38	30	16
5	34	36	37	43	45	44	39	27	13	13	13	15	15	15	15	14	14	14	14	14	14	14	14	13	22
6	14	14	18	17	17	16	15	17	18	18	17	19	14	13	14	14	14	14	13	13	13	13	13	13	15
7	12	12	13	13	12	13	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	16	30	28	14
8	35	43	33	34	38	37	27	21	18	15	14	14	14	14	15	15	16	16	16	15	14	14	14	14	21
9	14	14	14	14	14	15	17	23	24	24	23	19	17	16	15	15	15	14	14	14	14	14	14	16	16
10	14	14	13	13	13	13	13	14	14	13	13	13	13	13	14	15	15	16	17	19	22	29	39	16	16
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17	15	15	14	16	15	16	17	25	27	23	15	14	14	14	14	14	14	13	14	17	15	29	26	34	18
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20	46	34	38	29	27	27	20	14	13	14	14	14	14	14	14	14	14	14	15	14	15	29	42	31	22
21	31	32	27	23	27	26	18	17	15	15	15	16	17	18	18	18	19	18	19	27	29	38	65	70	26
22	72	69	73	66	58	65	50	50	38	27	27	25	21	22	23	23	20	18	19	19	20	16	16	16	36
23	16	18	17	18	20	25	22	20	22	19	19	17	17	17	17	16	16	16	16	15	17	18	20	19	18
24	27	36	30	17	17	18	17	16	15	15	15	15	15	15	15	15	16	16	15	15	15	15	14	17	17
25	14	14	17	16	14	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
26	14	15	14	13	13	13	13	13	13	13	13	14	13	14	14	14	15	15	15	16	16	14	14	13	14
27	13	13	14	14	14	15	17	16	14	14	17	17	18	20	19	17	17	16	17	18	26	39	35	36	19
28	32	35	30	26	28	26	22	16	16	17	17	15	15	15	15	15	16	18	17	16	16	16	16	15	20
29	16	15	19	18	17	19	22	23	22	25	30	29	29	26	21	19	19	19	21	19	18	19	17	27	21
30	26	29	29	34	18	24	16	16	15	15	20	19	18	18	18	17	18	17	19	18	18	19	35	36	21
31	19	18	18	16	17	17	18	19	19	20	18	18	18	18	18	18	19	16	16	15	15	15	15	15	17
MEAN	22	23	23	21	20	21	19	18	17	17	16	16	16	16	16	16	16	15	16	16	17	19	22	21	18

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	26	26	26	23	24	16	14	14	14	14	14	14	14	14	14	14	14	14	15	29	34	32	39	20
2	35	37	41	42	41	35	22	14	14	14	16	17	17	17	16	16	16	15	17	19	23	30	36	39	25
3	41	39	41	29	33	34	33	29	25	20	19	21	18	17	16	16	16	16	16	16	16	16	17	38	24
4	34	35	30	43	34	39	32	29	21	23	18	17	17	18	16	17	17	18	16	17	20	24	24	28	32
5	38	39	55	43	47	44	37	28	24	22	19	18	18	18	17	17	17	19	20	24	26	21	26	42	28
6	42	45	38	38	36	40	41	32	16	16	16	16	16	15	17	17	17	16	20	19	17	16	17	17	25
7	30	39	19	17	17	16	17	18	16	17	18	17	18	18	18	17	18	17	17	18	25	44	37	27	21
8	16	16	16	19	19	17	18	16	15	15	15	15	15	16	16	16	15	17	17	18	15	17	23	38	18
9	49	54	50	56	66	48	26	16	17	17	16	16	15	15	15	15	16	16	18	20	21	25	23	23	27
10	23	23	20	17	18	18	17	17	16	15	15	15	15	16	16	16	17	16	15	16	17	16	14	14	17
11	14	13	13	14	13	13	14	16	16	15	14	13	13	13	13	13	13	13	13	14	16	16	16	17	14
12	17	20	19	18	13	16	15	14	13	12	12	12	12	12	12	13	12	12	13	15	14	14	15	18	14
13	18	15	15	15	19	16	17	16	17	16	15	14	15	17	16	18	17	17	17	20	20	27	23	22	18
14	34	49	37	41	36	34	35	28	24	21	17	14	14	15	14	16	16	17	16	16	17	33	41	42	26
15	34	30	31	35	25	22	17	17	19	19	17	16	16	16	16	17	17	16	15	14	14	14	14	18	20
16	17	20	16	14	13	12	16	14	14	13	13	13	13	13	13	13	14	14	14	13	14	14	15	17	14
17	16	15	20	17	19	19	16	14	16	14	16	14	17	17	16	16	17	16	15	16	17	17	17	16	16
18	15	15	14	14	15	15	17	18	19	17	18	16	19	19	21	20	20	21	22	22	21	19	18	19	18
19	18	17	18	17	17	18	19	21	22	21	19	19	18	18	19	21	21	22	23	23	26	21	23	24	20
20	26	33	30	26	27	29	33	34	28	26	26	20	18	18	17	16	16	16	17	20	50	60	41	92	31
21	50	42	48	41	35	40	26	19	18	16	16	16	16	16	27	28	33	29	23	21	19	18	17	17	28
22	16	31	46	37	25	21	17	16	16	17	16	16	16	16	16	16	16	17	17	17	17	17	18	18	17
23	17	17	17	17	17	17	17	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17
24	19	18	17	17	18	18	18	19	18	18	17	17	18	19	19	21	19	19	19	19	19	21	19	21	19
25	19	33	33	42	38	39	30	23	20	19	19	19	19	21	21	20	20	20	21	20	21	20	31	25	25
26	22	19	19	20	21	28	22	22	21	20	20	19	19	19	19	19	19	18	18	22	37	42	47	42	24
27	44	41	51	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	28
28	17	18	17	16	16	16	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16
29	17	18	17	16	16	16	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	16
30	21	18	20	18	18	18	17	17	17	17	16	16	16	17	17	16	16	15	16	17	25	30	42	35	20
MEAN	26	28	28	28	26	25	22	20	18	17	17	16	16	17	17	17	17	17	17	18	21	24	25	28	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	42	47	42	44	36	24	17	16	17	16	15	15	15	15	15	15	15	16	17	17	18	18	18	23
2	20	18	19	18	18	19	19	20	19	18	19	19	19	19	19	18	18	18	18	18	19	24	21	21	19
3	21	18	17	19	18	22	25	35	29	22	23	21	19	18	16	16	18	24	24	29	32	43	43	35	24
4	27	22	19	22	22	19	20	20	20	19	18	18	18	18	18	18	18	20	19	23	22	21	18	20	
5	19	19	21	22	20	18	16	15	15	15	15	15	16	15	15	16	15	15	16	16	17	17	17	20	17
6	31	29	30	33	34	26	22	22	20	17	18	18	17	17	17	16	16	16	17	19	19	21	36	54	24
7	52	45	53	48	45	38	29	20	18	18	18	19	18	18	17	17	16	18	37	44	39	45	33	30	
8	45	42	48	59	50	44	34	26	21	18	17	17	17	17	18	19	18	18	18	21	24	41	26	24	28
9	23	22	20	18	22	23	21	20	20	23	22	18	17	17	17	17	17	19	19	17	17	16	18	19	
10	23	19	16	16	15	15	16	16	15	15	15	15	15	15	16	15	15	15	16	16	16	15	15	15	16
11	15	16	24	20	15	16	16	16	15	15	15	15	15	15	15	15	15	15	16	16	17	19	19	16	16
12	16	16	33	33	28	28	18	16	15	15	15	15	15	15	17	18	17	18	19	32	43	38	37	36	23
13	35	40	39	44	45	37	27	19	18	21	20	19	17	17	17	17	17	17	17	18	34	31	21	21	25
14	28	30	33	26	27	38	30	20	18	17	16	16	17	17	17	18	17	17	17	25	36	18	17	17	22
15	17	19	19	17	16	16	15	16	16	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	16
16	15	15	23	23	18	18	17	17	16	15	15	15	15	15	17	17	17	17	17	16	21	28	34	37	19
17	34	31	43	37	36	39	29	28	25	22	22	22	22	22	23	23	19	19	19	20	21	24	25	21	26
18	22	25	22	23	20	19	19	22	21	21	21	19	19	20	20	21	22	21	21	20	22	27	25	25	22
19	20	17	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	15	16	16	16	16	15	16
20	15	15	15	15	19	16	15	15	15	15	15	15	15	15	15	16	16	15	15	16	16	16	17	16	16
21	15	15	16	21	29	25	19	15	15	14	15	15	15	15	15	15	15	15	16	17	47	42	43	40	21
22	37	45	41	38	51	42	37	27	17	17	16	16	16	17	16	17	17	18	16	16	26	33	17	25	
23	16	16	16	16	20	18	18	20	19	18	17	17	17	17	17	17	18	19	20	21	36	37	37	20	
24	35	23	20	18	19	22	17	17	16	16	16	16	16	18	21	22	19	16	16	16	20	18	18	17	19
25	17	17	17	17	17	17	18	19	18	17	17	17	16	16	16	16	17	17	17	21	18	18	18	17	18
26	17	17	18	18	17	18	20	20	20	21	22	23	21	20	19	19	19	19	18	21	21	29	67	56	23
27	68	54	27	28	30	24	22	20	20	21	19	20	19	19	19	19	18	18	18	25	38	36	42	27	
28	37	38	54	49	47	48	35	29	23	17	16	16	16	16	16	16	16	16	17	19	18	18	21	22	26
29	17	17	17	20	19	18	20	19	18	18	18	19	18	17	18	19	17	19	17	33	44	35	31	21	
30	22	19	18	20	24	23	19	16	16	17	17	15	17	16	16	18	19	18	19	24	27	24	21	26	20
31	21	28	32	27	20	18	19	18	16	16	16	17	16	19	17	16	16	15	18	19	31	33	37	33	22
MEAN	26	25	27	27	26	25	22	20	18	18	17	17	17	17	17	17	17	17	18	20	24	26	27	26	21

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	43	39	25	29	32	32	18	19	18	18	19	17	17	17	19	16	16	16	17	22	20	23	38	48	24
2	50	49	47	36	29	30	21	24	23	18	17	15	17	18	18	18	18	19	19	19	18	29	43	49	27
3	46	21	20	18	17	18	19	17	16	16	16	16	16	15	15	16	16	17	17	18	20	21	20	18	19
4	17	22	21	18	17	15	15	16	17	17	16	17	17	16	16	16	16	16	16	16	17	18	19	19	17
5	36	42	19	18	16	18	18	17	17	17	17	16	16	16	16	16	16	16	16	24	31	34	30	31	20
6	35	43	39	46	38	41	36	28	28	29	28	21	21	19	17	17	18	19	21	25	57	49	48	48	32
7	50	53	53	54	59	60	57	49	39	37	26	21	22	23	25	24	24	23	23	23	22	21	22	21	35
8	23	48	51	46	58	52	28	18	18	17	16	17	16	15	15	15	15	16	16	17	17	18	20	22	25
9	15	14	22	24	24	23	21	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
10	15	14	22	24	24	23	21	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
11																									
12																									
13																									
14																									
15																									
16	43	51	53	53	57	50	50	37	23	21	22	20	20	22	23	22	22	22	22	23	23	25	27	35	32
17	53	45	35	25	34	33	30	32	25	21	20	20	21	22	21	21	23	24	22	21	23	32	28	30	28
18	41	38	39	42	55	53	35	21	19	19	23	21	20	21	21	21	21	21	21	22	24	23	24	23	28
19	28	34	43	41	47	43	39	28	25	23	21	20	20	21	21	20	20	20	21	29	39	41	43	42	31
20	45	49	51	43	48	42	43	32	27	24	23	22	22	20	21	21	21	24	21	22	22	35	42	42	32
21	45	46	47	57	49	50	48	39	28	30	29	27	21	18	21	21	23	24	23	21	20	28	30	26	32
22	30	38	46	55	61	69	60	30	27	27	26	25													
23																									
24																									
25																									
26																									
27	17	18	16	16	20	24	24	21	22	17	16	16	16	16	16	16	16	16	16	26	28	32	27	35	20
28	52	35	42	50	40	34	21	17	16	15	15	15	14	15	15	15	15	15	16	25	36	26	28	25	25
29	33	25	21	28	30	24	23	19	16	15	15	15	15	16	16	16	16	16	17	28	35	39	39	41	23
30	53	42	49	51	48	50	47	30	18	17	15	15	16	16	17	17	18	19	19	18	19	18	19	18	27
31	18	18	18	19	20	20	21	20	19	19	19	18	17	17	17	17	17	17	17	18	27	29	31	30	20
MEAN	36	36	36	37	39	37	33	26	22	20	20	19	18	18	18	18	18	19	19	22	25	29	30	31	26

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	32	43	40	35	38	37	29	23	18	17	17	16	16	18	17	16	17	16	16	16	16	16	18	24	23	
2	21	24	25	34	25	27	21	15	15	16	16	16	16	15	16	17	16	16	15	15	15	15	14	14	18	
3	14	14	14	14	14	16	16	16	15	14	14	13	13	13	13	14	14	14	14	14	21	29	28	33	30	17
4	25	20	24	27	28	23	27	21	16	13	13	13	13	14	14	14	14	14	14	24	29	29	26	25	20	
5	30	31	29	26	25	26	31	26	28	22	14	13	12	DATA MISSING -												
6																										
7																										
8																										
9																										
10	45	40	42	51	57	41	56	52	33	23	21	23	23	19	20	20	19	19	19	28	36	35	25	24	DATA MISSING -	
11	24	25	24	24	24	23	23	23	22	20	20	20	20	20	20	20	20	20	20	21	21	23	24	24	22	
12	19	19	19	19	19	19	19	19	19	19	19	22	22	19	18	18	18	17	17	17	17	17	17	17	18	DATA MISSING -
13	19	19	19	19	19	19	19	19	19	19	19	21	20	18	18	18	17	17	17	17	17	17	17	17	18	DATA MISSING -
14	18	18	18	18	18	18	23	20	17	16	16	16	16	17	17	17	17	18	18	18	19	19	26	22	20	19
15	18	18	18	19	19	20	19	19	18	17	17	18	18	17	17	18	18	17	16	16	16	16	16	16	16	18
16	16	16	16	16	17	17	17	17	18	17	16	16	16	16	15	17	17	17	17	18	21	21	20	24	31	18
17	37	42	46	49	45	45	50	57	42	23	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
18																										
19	22	22	35	19	17	17	17	18	18	17	17	17	18	17	17	17	17	17	17	17	17	17	17	17	18	
20																										
21	18	17	16	18	19	16	16	16	16	16	16	16	16	19	17	17	17	17	17	21	33	35	43	34	37	DATA MISSING -
22	33	31	28	31	26	29	40	29	22	17	16	15	15	19	17	17	17	18	17	18	18	19	28	36	34	24
23	39	37	39	38	40	41	44	42	32	19	18	17	16	16	16	17	17	18	19	20	19	21	24	20	26	
24	19	18	18	17	17	17	18	19	19	21	23	18	18	18	17	16	16	16	16	16	16	16	16	16	16	19
25	32	30	29	32	34	26	33	35	30	23	19	18	18	17	18	19	19	19	19	19	19	19	19	19	19	20
26	19	20	19	19	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	20
27	19	20	19	19	19	20	19	19	19	19	19	19	19	19	19	19	19	19	19	20	23	21	36	30	35	29
28	19	20	23	23	22	19	19	19	20	21	21	20	19	18	18	19	19	19	20	21	20	21	21	20	19	20
29	21	19	18	18	19	19	20	20	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19
30	25	26	27	27	27	25	27	25	22	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	18
MEAN	25	26	27	27	27	25	27	25	22	18	18	18	17	17	17	17	17	17	17	18	20	22	23	24	24	21

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	40	41	37	50	41	39	43	40	30	27				30	65	26	20	18	30	39	35	34	40	43	
5																									
6																									
7																									
8	39	41	38	37	51	45	43	53	29	24	24	16	16	16	16	16	16	16	16	16	16	17	18	34	
9	17	19	19	21	19	21	22	23	24	21	19	20	20	22	21	22	25	24	32	37	34	18	32	47	24
10	32	31	26	21	23	24	26	28	24	21	19	20	20	20	20	22	21	18	19	21	31	36	35	38	25
11	40	45	41	38	36	38	35	30	22	19	18	19	18	19	20	21	22	22	21	21	57	58	66	65	33
12	53	56	59	52	70	86	51	33	28	26	24	23	20	19	18	19	18	17	17	17	16	15	16	18	32
13	26	28	26	18	16	16	16	16	17	17	17	17	17	17	17	18	18	17	17	16	16	17	17	17	18
14	17	19	21	19	20	18	18	19	20	20	19	18	19	20	20	19	19	19	20	19	19	18	17	17	19
15	16	16	16	16	15	15	14	15	15	16	16			14	15	16	17	17	23	20	17	32	18	25	17
16	35	34	29	27	31	31	34	34	25	19	16	15	15	15	15	15	16	16	17	19	26	37	27	20	24
17	18	17	17	17	16	17	18	19	20	19	17	15	14	15	15	14	14	14	14	14	14	14	14	14	16
18	14	14	14	14	14	16	17	17	15	14	15						17	29	19	18	18	20	20	17	
19	20	19	30	43	42	39	40	30	19	18	17	17	17	17	17	17	17	17	18	17	17	17	19	18	23
20	18	17	17	16	17	16	17	17	16	16	16	16	16	16	16	16	17	16	16	18	21	34	42	41	20
21	37	35	39	43	37	34	41	36	27	22	18	17			18	17	19	19	20	18	18	18	18	19	26
22	19	18	18	18	17	17	16	17	18	19	19	20	18	18	19	20	20	19	18	20	18	19	22	31	19
23	38	41	40	33	42	19	22	30	22	18	18	17	17	17	17	17	17	17	16	16	16	16	20	27	23
24	30	35	34	32	34	35	41	42	41	25	17	17	17	17	18	18	20	19	19	21	41	35	26	23	27
25	20	21	21	21	21	23	23	22	22	20	18	18		15	15	16	16	15	15	15	15	21	17	15	18
26	16	45	45	53	42	48	42	48	24	19	18	18	16	16	16	16	16	17	20	19	20	19	23	18	26
27	16	19	21	28	26	31	32	26	16	16	16	15	15	15	15	16	16	17	19	18	16	16	16	19	
28	17	31	32	30	31	33	36	40	36	29	22	18	18	19	20	20	23	25	26	46	48	57	55	56	32
29	57	64	60	61	62	57	60	59	57	57	38	22	20		24	26	31	34	31	32	30	34	43	24	43
30	22	28	39	31	35	53	40	26	23	18	19	19	23	23	27	27	25	21	22	20	22	20	20	18	26
31	20	19	22	28	29	27	21	23	23	22	21	23	22	20	21	22	23	23	20	20	19	22	27	25	23
MEAN	27	30	30	31	31	32	31	30	25	22	19	18	18	18	20	19	19	19	20	21	24	25	26	27	24

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	22	22	20	20	20	22	21	24	23	21	21	21	19	***	22	19	20	22	17	17	15	15	15	20
2	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
3	15	15	15	15	15	16	16	16	17	18	16	16	16	18	19	21	21	21	20	22	26	30	21	14	18
4	14	14	13	13	13	13	13	14	14	16	15	15	15	14	14	17	18	19	19	18	19	18	17	17	16
5	16	16	16	16	15	15	15	16	17	17	17	20	19	19	20	21	23	22	18	18	18	17	17	17	18
6	17	17	16	16	16	16	16	17	19	18	16	16	16	16	16	16	16	16	16	16	15	15	17	15	16
7	15	15	15	15	17	16	17	18	18	17	15	16	16	17	***	16	17	21	22	21	21	19	32	39	19
8	48	48	52	55	48	52	49	55	60	58	26	20	23	25	24	25	25	41	56	51	55	63	72	67	46
9	62	67	66	63	50	41	37	28	25	19	16	16	17	17	17	16	16	16	16	15	15	15	15	15	28
10	16	16	16	16	16	16	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11	16	16	16	17	18	17	17	17	18	18	18	20	21	21	21	22	23	27	54	45	22	17	16	16	21
12	17	17	17	18	17	16	18	19	20	22	22	22	22	20	19	18	19	17	15	15	15	15	15	16	18
13	19	20	20	18	17	17	18	22	23	20	18	18	18	18	17	16	17	18	20	18	18	16	15	15	18
14	16	16	15	15	15	16	15	16	17	17	17	17	17	17	17	17	17	17	17	16	18	15	15	16	16
15	16	16	16	16	16	16	16	16	18	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	17
16	16	17	17	16	16	16	17	18	17	16	16	15	16	16	16	16	17	21	30	24	19	18	18	17	18
17	16	16	16	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16	16	17	18	16
18	18	17	17	17	17	18	18	21	27	26	20	19	21	22	22	17	18	19	18	19	20	21	21	21	20
19	30	41	26	20	19	19	19	22	24	23	21	20	21	21	23	24	24	23	21	20	19	20	20	20	23
20	20	21	21	21	19	18	19	23	27	32	30	23	22	***	***	***	***	***	***	***	***	***	***	***	***
21	15	15	15	15	15	15	15	16	17	16	16	16	16	16	17	18	19	21	36	51	36	33	40	60	23
22	65	64	50	46	49	53	47	29	20	19	18	19	19	19	19	20	23	26	24	22	21	20	20	20	32
23	20	19	18	18	18	19	19	19	19	18	18	19	19	19	20	19	18	17	16	16	16	16	16	16	18
24	15	15	16	16	16	16	16	16	16	16	16	16	16	15	14	15	15	15	14	14	14	14	14	14	15
25	14	14	14	14	14	14	14	15	16	15	14	14	14	14	15	15	15	20	16	25	50	58	45	51	21
26	47	39	45	24	34	23	19	21	22	18	15	16	15	16	17	16	17	17	16	16	15	17	18	17	22
27	17	16	16	16	16	16	15	16	18	17	18	24	24	19	17	18	22	20	18	17	16	16	15	15	18
28	15	15	14	15	16	18	24	19	19	17	15	15	15	15	15	16	18	18	25	34	32	37	19	19	19
29	17	16	15	15	16	20	23	26	19	16	16	15	15	16	16	16	16	16	16	15	15	14	14	14	17
30	17	16	15	15	16	20	23	26	19	16	16	15	15	16	16	16	16	16	16	15	15	14	14	14	17
MEAN	22	22	22	21	20	20	20	21	21	20	18	18	18	18	18	18	18	20	22	21	21	21	21	22	20

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	14	14	14	14	14	15	15	15	15	14	15	15	15	15	15	14	14	14	14	14	14
2	14	13	13	14	14	13	14	14	14	14	14	14	14	14	15	16	18	18	15	15	14	14	13	14	14
3	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	14	14	14	14
4	14	14	14	14	14	14	15	15	16	15	15	15	15	15	15	16	25	44	51	44	48	49	56	56	25
5	49	51	55	62	41	22	19	19	19	20	20	20	21	19	20	21	24	23	21	24	24	25	26	26	28
6	26	37	37	64	51	57	46	35	31	25	23	21	18	17	16	17	18	18	18	18	43	66	56	51	34
7	65	59	57	65	63	80	70	78	60	33	21	18	17	18	18	18	20	19	19	17	16	18	17	18	37
8	19	20	20	22	21	22	23	25	54	34	25	22	20	18	19	19	18	18	19	16	14	14	13	14	21
9	14	14	14	14	14	14	14	14	14	15	15	16	13	14	14	14	15	15	14	14	14	14	15	15	14
10	15	16	16	16	16	16	16	16	17	19	18	19	18	19	19	19	20	20	19	19	19	19	20	19	18
11	20	18	18	21	19	21	18	19	21	22	22	21	22	23	21	21	21	20	20	21	20	20	20	20	20
12	19	20	19	19	19	19	19	19	20	20	22	24	24	22	22	21	22	23	24	24	25	24	25	23	22
13	22	25	29	28	47	50	58	61	62	46	31	31	23	22	21	22	29	24	21	21	20	19	19	18	31
14	18	18	18	18	18	18	21	19	18	18	18	18	18	18	17	18	18	18	19	19	22	18	18	19	18
15	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	20
16	18	19	20	19	18	18	19	20	21	21	23	24	19	19	19	21	24	27	35	34	22	21	21	21	22
17	22	19	19	19	18	19	19	19	22	24	22	22	22	22	21	21	21	19	19	18	17	17	17	17	20
18	16	16	15	16	16	16	16	18	18	17	19	21	19	17	18	19	18	18	16	17	17	17	16	16	17
19	17	16	16	16	16	17	18	16	16	16	16	16	17	17	16	18	20	20	21	22	21	19	20	21	18
20	19	19	21	24	33	31	34	40	43	49	45	36	24	21	21	22	22	19	19	19	19	19	19	19	19
21	18	19	18	18	18	20	20	19	18	17	16	16	16	16	16	16	17	18	17	17	16	16	16	17	17
22	16	16	17	17	18	19	21	24	21	22	22	22	22	20	21	21	21	20	19	18	18	19	20	19	20
23	20	20	19	20	19	18	19	19	19	20	21	19	19	18	18	19	21	20	19	21	22	21	21	20	20
24	19	20	19	20	21	21	21	21	20	19	19	18	18	17	17	17	17	17	17	17	17	17	17	17	19
25	18	25	26	32	26	22	21	22	22	21	19	19	19	19	19	19	18	18	18	18	17	18	18	18	21
26	18	18	18	19	19	19	19	19	19	19	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21
27	18	18	18	19	19	19	19	19	19	19	19	21	21	21	21	21	21	21	21	21	21	21	21	21	21
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	21	21	22	24	23	24	23	24	24	22	21	20	19	18	18	19	20	20	20	20	20	21	21	21	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	17	26	49
FEB	28	17	28	62
MAR	31	16	24	52
APR	30	21	30	83
MAY	31	18	36	73
JUN	30	21	31	92
JUL	31	21	30	68
AUG	24	26	35	69
SEP	26	21	31	57
OCT	27	24	43	86
NOV	30	20	46	72
DEC	27	21	37	80
YEAR	346	20	46	92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	623	69	32	0	0	0	0	724
FEB	0	563	64	39	3	0	0	0	669
MAR	0	680	40	20	0	0	0	0	740
APR	0	536	88	88	5	0	0	0	717
MAY	0	582	95	45	7	0	0	0	729
JUN	0	464	130	101	1	1	0	0	697
JUL	0	471	173	98	2	0	0	0	744
AUG	0	209	180	131	2	0	0	0	522
SEP	0	284	147	61	0	0	0	0	492
OCT	0	298	167	127	8	0	0	0	600
NOV	0	504	133	47	8	0	0	0	692
DEC	0	382	175	44	11	0	0	0	612
YEAR	0	5596	1461	833	47	1	0	0	7938

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
90	11	13.3	15.0	16.6	18.9	32.1	40.7	50.0	56.1	92		20.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	16	18	16	15	15	16	14	15	16	14	13	12	12	12	12	13	13	14	13	14	13	14	14	14
2	15	16	15	15	14	15	18	22	27	24	21	18	17	16	16	14	16	18	16	13	13	13	14	15	17
3	16	13	13	14	13	13	18	20	21	21	17	16	15	15	13	16	21	22	24	23	20	21	20	17	18
4	16	17	15	16	15	15	15	16	18	19	18	17	15	14	***	16	18	21	19	20	20	20	20	21	17
5	20	21	22	22	20	22	26	26	24	24	23	21	21	22	20	21	22	21	21	21	20	21	22	22	22
6	21	21	21	20	19	18	18	18	19	20	19	17	17	17	***	***	***	***	***	***	15	16	17	17	18
7	16	16	16	15	15	16	19	19	18	16	16	14	15	15	14	13	14	15	13	13	13	13	13	15	
8	13	14	14	15	14	15	16	18	17	14	***	***	15	16	19	18	21	21	17	16	15	15	15	15	16
9	15	12	11	10	11	9	10	12	14	16	16	14	16	16	15	16	18	21	18	18	19	19	18	18	15
10	16	15	14	14	14	12	14	16	18	19	18	17	17	16	17	17	23	21	15	15	14	12	12	11	16
11	10	11	11	11	11	11	11	12	14	14	13	12	12	12	11	10	12	18	20	21	23	72	24	20	17
12	22	20	23	21	16	17	15	14	15	16	15	15	16	16	16	14	16	21	28	29	31	25	23	21	19
13	20	21	21	21	21	21	21	21	23	24	24	23	19	19	18	17	19	21	21	23	26	24	24	23	21
14	25	25	25	21	16	14	19	25	27	28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	15	14	12	11	11	13	14	17	***
16	18	17	16	17	15	14	15	19	22	20	22	21	19	21	***	28	30	31	25	22	19	19	19	19	20
17	20	20	18	18	18	18	19	21	25	21	22	22	22	22	22	24	29	30	27	26	24	23	22	23	22
18	20	20	22	22	19	19	20	22	26	23	22	24	25	25	25	26	25	22	22	22	20	19	18	20	22
19	20	20	21	21	20	21	24	28	24	26	20	22	17	16	15	15	16	19	23	27	22	22	23	27	21
20	28	29	27	24	19	15	13	15	15	14	14	13	12	11	12	13	13	13	12	12	12	12	13	16	
21	13	13	13	13	14	15	17	28	33	23	18	21	23	***	***	19	18	17	15	14	14	11	11	12	17
22	12	13	12	12	12	13	15	17	17	16	17	17	17	***	15	16	21	24	22	20	18	17	15	14	16
23	13	13	14	17	16	16	15	17	20	20	18	17	***	23	20	17	17	18	17	16	15	15	16	17	17
24	17	18	18	18	18	19	21	26	29	25	25	24	***	17	16	17	19	20	20	19	18	18	17	16	20
25	17	17	17	17	20	21	23	30	33	25	21	21	22	19	15	15	18	16	20	17	18	18	16	20	
26	17	19	21	17	17	19	20	25	25	24	21	20	18	18	17	18	24	19	21	18	17	15	13	12	19
27	12	10	8	6	5	5	5	6	8	9	9	10	9	10	12	12	12	11	11	12	13	12	12	10	
28	12	12	11	11	11	13	15	17	20	18	20	19	16	18	19	19	23	20	16	15	14	14	13	13	16
29	13	12	12	12	12	12	13	14	14	14	15	15	15	16	17	23	22	21	19	16	15	14	14	14	15
30	13	13	14	13	13	13	14	18	19	17	15	15	14	14	13	16	20	22	21	19	19	18	16	14	16
31	15	15	14	17	15	15	19	23	21	18	14	15	13	11	11	14	14	13	16	15	13	13	12	13	15
MEAN	17	17	17	16	15	15	17	19	21	20	18	18	17	17	16	17	19	20	19	18	17	19	17	17	17

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	14	14	15	15	16	17	18	17	16	16	15	16	***	22	20	18	14	13	12	12	12	12	15
2	12	11	11	10	20	12	12	13	13	14	15	14	13	13	12	13	12	14	16	16	16	15	14	13	14
3	13	13	13	13	13	13	14	15	15	16	16	15	14	14	13	12	13	15	17	17	19	18	17	16	15
4	15	15	15	15	16	18	18	19	18	19	18	16	16	13	14	13	14	16	18	18	19	18	16	14	16
5	14	16	17	18	19	20	21	21	20	19	18	18	16	16	15	15	13	10	11	10	11	11	11	10	15
6	11	11	12	12	13	13	14	16	16	15	16	15	15	15	15	15	13	10	11	10	11	11	11	10	15
7	DATA MISSING -																								
8	20	19	27	19	24	23	17	19	17	18	22	19	16	14	13	12	13	12	13	19	21	20	17	16	18
9	16	17	18	21	19	18	19	17	17	18	19	20	20	18	16	16	16	15	14	14	15	14	14	14	17
10	13	12	***	***	***	***	***	11	13	14	14	13	12	12	12	12	15	14	14	14	14	16	17	17	14
11	15	15	15	18	16	16	19	20	22	16	14	13	13	14	22	21	20	19	18	18	19	19	21	23	18
12	23	25	24	49	35	26	29	28	22	18	16	15	14	14	14	14	14	13	13	12	12	13	13	20	
13	10	10	11	12	13	15	16	16	17	15	15	15	15	16	15	***	17	16	16	15	15	15	15	15	
14	17	17	16	16	17	17	18	17	15	14	13	13	15	18	19	24	26	20	17	17	16	16	15	17	
15	14	14	14	13	12	14	21	22	23	23	23	26	23	25	27	25	23	23	21	22	20	19	22	23	21
16	DATA MISSING -																								
17	DATA MISSING -																								
18	21	21	22	19	17	18	19	19	20	21	22	21	20	20	20	20	20	20	20	20	18	***	***	***	20
19	DATA MISSING -																								
20	15	15	16	17	19	18	18	17	18	19	19	20	21	21	21	21	21	21	21	20	19	16	16	17	***
21	20	21	21	21	20	20	21	20	20	20	19	18	17	18	16	17	17	18	18	17	16	17	17	16	19
22	16	15	15	16	16	16	15	18	18	17	15	15	14	15	14	13	13	14	16	19	19	18	18	17	16
23	18	20	19	19	19	22	27	24	21	20	20	20	19	19	17	16	16	16	17	22	26	22	20	20	20
24	20	20	20	19	18	18	23	26	26	22	21	20	19	19	19	20	21	21	21	22	21	21	21	20	21
25	19	21	21	18	18	19	25	27	25	22	22	21	19	18	19	19	21	21	20	19	18	18	18	18	20
MEAN	16	16	17	18	18	18	19	19	19	18	18	17	17	17	17	18	18	17	17	18	18	17	17	17	18

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - D.O.H. BATHURST & WILSON												NO 34007													
MONTH MAR 74																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	15	14	14	13	13	14	16	16	16	15	15	15	13	12	14	15	27	42	14	17	18	17	15	17
2	14	33	12	12	13	13	15	16	15	14	15	16	16	18	19	20	19	17	15	13	13	11	12	12	16
3	12	11	10	11	11	11	11	12	14	17	19	19	31	25	23	23	18	18	14	11	11	10	9	9	15
4	9	10	10	11	12	13	14	16	20	25	22	24	28	22	20	22	20	23	21	18	13	15	17	17	17
5	16	21	14	12	11	11	11	14	17	21	18	16	14	14	15	13	15	17	18	21	17	17	17	16	16
6	17	18	19	20	21	20	23	27	32	24	21	22	23	21	23	25	18	18	17	16	15	14	15	18	20
7	14	11	10	10	10	13	17	13	12	11	10	10	10	10	17	18	17	18	21	23	20	19	17	16	18
8	17	16	15	14	15	15	19	22	20	18	18	17	17	18	17	18	21	23	20	19	17	16	16	16	18
9	16	16	15	15	15	14	15	15	15	15	16	15	14	15	16	17	15	16	17	15	17	17	16	16	16
10	14	12	13	13	14	14	14	14	14	14	15	15	15	15	15	15	15	16	16	16	16	17	17	17	15
11	18	19	21	21	26	26	32	37	35	29	24	21	19	17	20	17	18	15	10	11	11	10	9	13	20
12	9	9	9	9	11	11	13	15	14	13	13	12	11	10	10	11	12	13	13	13	12	13	12	13	12
13	13	13	13	14	14	14	15	15	15	13	13	13	13	13	14	14	14	14	15	15	16	17	17	15	14
14	14	14	14	15	15	15	18	19	19	19	18	17	16	15	15	15	16	17	19	20	23	25	27	25	18
15	24	23	22	21	21	23	25	28	33	31	28	24	22	22	22	21	23	24	22	20	20	18	17	15	23
16	12	11	11	10	10	10	10	12	14	15	15	15	15	15	16	16	15	14	14	13	13	13	13	14	13
17	13	13	11	11	12	12	13	13	13	13	13	13	13	13	14	14	14	15	15	15	15	14	14	14	13
18	12	12	12	12	13	13	14	17	17	16	16	16	15	15	15	14	14	15	17	17	16	16	17	17	15
19	15	14	14	15	14	11	11	11	12	13	13	13	13	15	15	15	15	18	19	20	20	19	19	19	15
20	17	17	18	18	18	19	23	24	25	23	24	21	21	20	19	19	22	22	22	22	21	20	20	22	21
21	20	17	15	15	14	14	15	16	17	16	15	15	15	16	16	16	17	17	17	18	19	21	21	21	17
22	14	13	13	13	14	14	15	17	18	17	18	16	14	14	14	13	13	13	16	17	16	14	14	14	15
23	15	14	14	13	13	14	14	15	15	15	14	15	15	15	16	16	15	15	15	14	15	16	16	15	15
24	12	12	13	13	13	12	12	13	14	15	14	13	15	15	15	16	16	16	17	18	18	19	19	20	15
25	20	20	20	20	19	19	20	22	24	24	23	22	21	20	20	20	21	22	22	22	22	21	21	20	21
26	6	6	6	5	4	6	11	9	6	17	17	17	9	7	6	6	7	8	9	9	8	8	8	8	8
27	10	10	11	12	11	11	15	14	16	14	15	14	13	11	10	10	9	9	9	10	10	11	11	10	12
28	10	10	10	10	10	8	9	9	11	10	10	10	19	18	18	18	21	20	19	18	17	16	15	14	14
29																									
30																									
31																									
MEAN	14	15	14	14	14	14	15	17	18	17	17	17	17	16	16	16	16	17	17	16	16	16	16	16	16
PERCENTAGE OF DATA VALID -	88																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - D.O.H. BATHURST & WILSON												NO 34007													
MONTH APR 74																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	DATA MISSING -													19	19	25	25	25	23	23	23	20	25		
2	19	19	19	19	20	26	31	36	40	33	25	23	22	23	23	25	26	25	22	25	25	28	25	21	25
3	20	20	19	18	18	18	21	26	29	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
4	18	18	18	18	18	18	18	18	19	19	20	21	21	21	20	19	20	19	20	20	24	26	25	25	26
5	27	25	25	25	24	24	23	23	23	23	21	20	20	20	21	23	20	20	20	21	22	23	23	22	22
6	22	22	22	22	22	24	24	25	25	29	25	25	25	24	24	25	17	14	11	12	11	10	10	9	20
7	9	8	8	8	8	8	9	10	12	11	11	10	9	9	9	8	8	10	10	11	12	12	12	12	10
8	12	11	10	10	12	14	14	14	14	13	13	11	10	9	9	8	8	15	15	19	23	27	33	29	16
9	22	22	23	18	19	19	19	19	19	18	16	16	14	17	18	16	22	24	21	22	19	21	22	24	20
10	25	23	18	12	12	12	12	13	14	15	16	15	16	17	17	17	17	16	15	15	14	14	15	16	16
11	16	16	15	16	17	18	19	20	21	20	19	17	15	12	12	11	13	12	14	15	13	13	14	15	16
12	31	16	15	14	13	12	11	11	11	12	13	14	14	15	16	13	12	11	11	10	11	11	12	12	13
13	12	12	13	13	14	13	13	14	14	13	13	13	14	14	14	14	14	14	14	13	14	14	15	15	14
14	14	15	16	15	16	17	19	22	19	17	15	14	14	14	13	14	14	14	15	19	23	20	19	23	17
15	22	17	20	21	20	17	19	23	23	18	16	15	14	13	14	12	11	12	12	15	18	19	19	17	17
16	15	13	16	14	12	12	13	13	13	12	11	11	11	11	11	10	9	9	9	10	10	10	9	10	11
17	10	14	11	11	12	13	14	15	16	15	15	15	14	13	14	14	20	23	24	26	25	26	26	26	17
18	32	36	32	28	30	33	32	26	28	27	25	23	21	19	17	17	21	22	26	27	27	26	28	32	26
19	33	29	31	29	27	27	28	26	26	25	21	19	19	19	18	21	19	14	13	14	14	14	13	13	21
20	12	12	12	12	13	14	15	17	19	18	15	17	21	22	22	15	21	20	17	19	19	11	10	10	16
21	10	11	11	12	12	12	13	14	17	14	15	15	15	14	13	14	15	15	15	15	14	13	13	13	14
22	13	13	13	13	13	13	13	15	15	14	14	14	14	14	14	14	14	14	13	15	17	17	16	16	14
23	16	18	20	20	21	30	27	26	29	26	20	21	21	21	16	17	17	16	16	17	16	16	16	16	20
24	16	16	25	24	25	23	20	19	19	18	18	18	18	18	18	18	19	19	14	12	15	17	24	21	22
25	23	24	26	22	26	30	25	24	23	23	22	18	14	13	14	13	14	13	18	21	21	20	19	18	21
26	27	27	27	25	21	16	17	18	16	12	12	15	15	16	14	17	13	13	13	13	14	14	14	12	17
27	13	15	12	14	13	14	21	26	19	22	22	15	15	17	11	9	8	9	10	10	10	11	13	11	14
28	12	14	17	19	18	25	30	24	22	17	17	16	15	17	18	22	23	22	20	15	13	11	10	10	18
29	18	18	19	17	18	19	19	20	20	19	18	17	17	17	16	16	17	16	16	16	18	18	18	17	18
30	18	18	19	17	18	19	19	20	20	19	18	17	17	17	16	16	17	16	16	17	18	18	18	17	18
MEAN	18	18	19	17	18	19	19	20	20	19	18	17	17	17	16	16	17	16	16	17	18	18	18	17	18
PERCENTAGE OF DATA VALID -												90													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	11	13	14	14	15	17	18	18	18	17	***	15	14	14	13	13	13	12	13	16	18	19	18	18	15	
2	19	19	22	22	23	27	27	27	26	25	24	22	22	22	21	23	21	18	19	18	17	16	16	21		
3	16	16	15	16	17	24	27	26	31	31	40	35	***	***	***	22	20	19	20	20	21	21	21	22	23	
4	22	23	23	24	25	26	25	24	25	25	25	25	17	16	16	16	16	15	15	20	22	23	26	30	22	
5	37	45	36	33	32	32	29	22	19	18	18	19	18	17	16	16	16	16	16	14	15	15	14	14	22	
6	15	14	14	15	16	18	17	20	19	18	***	***	***	***	***	15	15	16	16	16	15	15	15	15	16	
7	15	15	15	15	15	17	18	17	16	16	16	15	15	15	16	16	16	16	16	16	17	18	19	19	16	
8	18	19	20	19	20	22	27	28	24	21	19	19	19	19	19	21	19	18	17	16	15	15	14	12	19	
9	13	13	12	13	13	18	25	28	24	19	18	17	17	16	15	16	17	16	16	16	15	16	16	16	17	
10	16	16	16	16	16	16	17	17	16	16	16	16	16	16	17	16	16	16	17	26	26	25	26	20	18	
11	19	18	18	19	20	23	24	23	23	22	22	22	22	21	20	20	19	19	19	18	18	20	22	22	21	
12	19	17	15	15	15	15	16	24	27	20	21	19	18	18	22	20	23	20	18	19	19	19	20	20	19	
13	19	20	20	20	20	21	21	22	21	19	18	20	***	***	***	17	17	18	18	17	17	20	21	21	23	19
14	21	19	18	18	20	23	28	24	22	22	23	24	19	18	21	15	10	11	12	15	20	20	16	13	19	
15	13	13	14	10	9	13	17	19	16	15	17	17	17	18	17	16	15	15	16	17	18	18	18	18	16	
16	20	22	21	24	26	26	30	33	29	29	31	31	33	34	35	36	36	32	29	27	27	27	26	25	29	
17	26	26	27	27	28	31	38	51	43	34	29	27	26	26	24	23	23	22	23	24	26	30	30	27	29	
18	24	27	27	25	25	27	27	28	30	33	32	29	***	***	***	***	***	***	***	***	***	***	***	***	***	
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
MEAN	22	23	22	21	22	24	26	27	26	24	24	23	21	20	21	20	20	19	20	21	22	23	23	23	22	

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D O H BATHURST & WILSON

NO 34007

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	27	29	33	31	31	32	28	25	19	9	9	6	5	7	6	6	6	5	6	12	21	26	32	19
2	29	31	33	26	26	24	13	8	10	19	9	13	12	13	12	11	10	11	13	17	25	33	31	31	19
3	28	28	29	30	29	27	39	47	34	19	18	13	11	13	14	16	18	19	18	21	26	28	29	31	24
4	39	34	26	25	31	34	37	45	32	29	24	22	17	18	18	20	***	16	13	16	21	24	26	30	26
5	37	30	27	27	28	32	38	41	27	21	17	14	14	13	13	14	17	16	16	20	25	26	24	25	23
6	27	26	22	26	26	29	24	31	29	19	15	12	12	11	15	16	18	20	16	17	19	19	17	17	20
7	21	23	22	14	11	12	18	26	28	24	23	23	22	22	22	20	22	20	18	18	21	27	30	25	21
8	21	22	24	19	16	20	18	22	21	22	21	15	12	13	14	15	13	14	15	20	21	21	26	18	
9	29	27	27	37	34	34	29	23	17	15	13	12	11	10	13	9	12	12	16	19	23	27	27	23	21
10	23	23	22	20	20	20	23	27	26	21	15	12	13	22	13	13	12	13	15	11	10	8	8	17	
11	7	8	7	9	7	10	11	14	14	13	9	6	5	2	2	2	3	5	5	10	16	14	12	14	9
12	17	19	17	15	16	17	18	17	14	12	***	14	9	7	10	12	7	14	18	20	21	23	26	26	16
13	22	19	23	25	23	23	27	23	22	22	18	13	15	25	28	26	29	19	22	22	23	26	31	31	23
14	34	31	34	34	34	35	42	42	27	20	18	18	19	20	22	31	29	28	22	20	22	21	18	17	27
15	20	24	24	26	23	19	26	30	29	26	23	24	22	22	19	17	17	21	21	21	19	18	19	18	22
16	17	15	18	12	13	16	15	12	16	15	13	13	11	16	20	21	24	23	23	22	22	25	22	22	18
17	24	24	22	22	20	19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18																									
19																									
20	22	25	31	23	23	22	27	40	31	21	23	20	19	18	12	13	14	14	16	15	19	19	19	18	***
21	33	31	24	32	36	40	43	40	29	22	17	13	11	10	23	30	20	13	12	15	15	16	17	18	23
22	22	23	23	16	14	10	13	14	14	14	14	14	12	15	14	14	16	16	17	19	22	24	22	22	17
23	23	23	24	24	22	23	22	22	22	22	21	20	19	18	17	17	16	17	19	23	24	24	25	25	21
24	24	25	23	17	18	18	19	18	17	17	17	19	14	23	28	31	19	24	25	26	22	20	17	21	
25	17	19	19	20	23	25	23	17	17	17	18	19	20	22	22	22	18	20	18	19	24	22	21	15	20
26	12	17	18	16	17	18	20	20	20	19	18	15	21	***	***	19	13	8	11	22	31	39	22	28	19
27	34	38	36	31	41	27	17	18	19	18	14	13	13	13	14	14	13	13	17	24	25	24	24	23	22
28	22	21	20	23	22	23	24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29																									
30																									
MEAN	24	24	24	23	23	23	25	26	23	19	17	15	15	15	17	17	17	16	16	18	22	24	23	23	20

PERCENTAGE OF DATA VALID - 82

UNITS - 0.1 PARTS/MILLION

MONTH JUL 74

13 14 15

PERCENTAGE OF DATA VALID - 65

UNITS - 0.1 PARTS/MILLION

MONTH AUG 74

13 14 15

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	19	19	21	21	22	21	19	20	16	15	14	15	15	16	18	21	20	18	17	17	17	17	18	18	18	
2	17	18	17	17	19	19	17	18	18	18	18	18	18	18	17	18	18	18	18	18	19	20	19	16	18	
3	16	16	17	17	18	22	28	25	22	24	***	17	17	17	17	17	17	17	18	20	19	20	24	19		
4	23	17	16	17	18	19	21	21	19	17	16	16	16	16	15	15	15	16	18	19	19	19	19	18		
5	18	21	22	24	25	33	42	34	24	20	19	20	21	21	21	23	23	22	25	29	31	36	30	29	26	
6	24	22	21	21	22	24	27	32	***	22	22	22	21	21	22	25	26	26	25	27	27	26	26	25	24	
7	22	22	21	21	20	22	23	23	22	21	21	21	21	21	21	21	24	25	26	27	28	29	34	34	24	
8	28	25	23	22	25	25	26	24	20	20	20	22	22	22	23	23	26	22	23	22	22	21	21	19	23	
9	19	21	21	23	27	34	33	28	26	23	21	19	***	***	***	***	***	***	***	***	***	***	***	***	***	
10	- DATA MISSING -																									
11	***	***	***	***	***	***	***	***	***	***	***	***	***	23	22	23	27	22	24	27	25	26	27	29	27	***
12	24	22	21	21	20	23	28	28	28	25	24	26	28	29	25	33	22	20	22	24	28	24	29	31	25	
13	24	24	23	20	21	23	24	26	24	19	***	21	20	19	17	17	18	19	17	17	18	17	18	18	20	
14	18	18	18	18	18	18	18	18	18	16	16	16	17	17	18	18	18	18	21	25	23	23	24	23	19	
15	22	22	21	22	21	21	20	19	18	17	17	16	17	17	18	19	18	18	19	18	18	18	18	18	19	
16	19	17	18	18	19	19	24	25	21	18	17	17	17	17	17	18	21	24	24	27	27	26	24	23	21	
17	24	25	27	31	28	30	38	39	34	26	19	18	18	17	18	19	19	18	18	17	17	18	15	15	23	
18	15	16	16	16	16	17	18	19	18	18	18	18	18	18	18	21	22	24	24	23	25	25	32	33	34	21
19	32	34	33	27	23	26	32	45	39	31	25	21	20	20	21	21	23	24	23	25	24	25	24	23	27	
20	22	26	23	20	16	15	17	20	20	***	17	17	16	17	17	17	17	18	17	19	19	19	18	18	18	
21	18	18	19	20	18	18	19	23	25	26	28	23	21	18	16	15	15	16	17	18	19	18	18	19	19	
22	17	17	16	15	16	16	16	16	16	16	16	15	16	16	16	16	16	17	18	18	21	19	19	20	17	
23	22	21	20	20	22	24	25	30	28	22	***	19	***	18	26	25	25	26	27	23	23	29	33	43	25	
24	39	38	43	44	43	41	49	52	50	33	25	***	21	21	21	23	25	25	25	25	25	26	25	25	32	
25	23	23	19	19	18	17	20	23	25	24	22	22	17	16	17	16	17	17	26	18	18	18	20	19	20	
26	18	18	18	18	23	24	27	36	37	28	22	***	23	22	22	22	24	27	25	25	23	21	21	21	24	
27	21	21	21	20	21	21	26	34	37	30	24	24	23	22	22	24	25	26	31	36	33	30	28	28	26	
28	27	23	23	24	23	22	22	22	24	25	25	24	23	25	24	24	24	25	28	29	25	25	29	26	25	
29	25	25	22	21	21	20	19	20	20	20	18	19	20	17	16	16	16	16	16	16	15	16	15	15	19	
30	15	17	17	16	16	17	19	23	20	20	17	16	17	***	18	27	29	30	30	30	29	28	37	27	22	
MEAN	22	22	21	21	21	23	25	27	25	22	20	19	19	19	20	21	21	21	22	23	23	23	24	23	22	

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	25	25	23	24	30	35	35	40	***	***	35	31	33	32	35	35	32	29	29	27	27	23	30
2	19	19	19	19	19	19	19	20	21	21	20	19	20	20	19	***	21	19	19	20	20	21	21	22	20
3	24	25	25	22	19	19	21	23	23	21	18	18	18	18	17	18	18	19	18	21	24	25	22	25	21
4	31	30	32	35	36	37	30	35	37	34	31	26	23	22	22	22	23	24	23	22	21	22	23	23	28
5	22	21	21	19	19	18	20	22	23	24	23	22	22	23	23	23	20	18	18	18	19	19	19	18	21
6	19	20	21	22	24	21	21	22	22	20	20	20	21	19	19	21	20	19	20	24	23	21	20	18	21
7	17	17	15	16	16	16	16	16	16	16	16	16	17	16	***	16	17	18	18	19	19	18	18	20	17
8	19	20	22	20	18	18	18	20	27	39	29	24	26	22	21	21	22	24	24	22	20	19	19	19	22
9	19	19	21	23	22	21	24	27	29	28	25	25	23	27	31	49	34	35	33	29	27	21	19	18	26
10	19	19	19	21	24	19	20	26	28	35	27	21	18	18	23	25	27	30	22	22	23	24	24	22	23
11	24	25	25	23	22	20	21	29	34	31	26	26	25	26	27	26	29	33	35	35	35	37	36	33	28
12	27	27	33	32	30	29	27	29	31	27	32	30	23	22	19	18	18	19	18	18	18	18	18	20	24
13	19	21	35	20	18	18	18	19	19	19	19	20	20	20	21	21	21	21	22	22	21	21	20	19	21
14	19	18	19	19	17	17	20	19	21	21	21	21	23	22	22	21	20	19	18	18	18	17	17	19	19
15	17	16	16	16	16	15	15	16	17	16	16	15	16	17	16	22	25	25	18	18	19	18	19	18	19
16	42	21	20	20	22	27	29	26	24	24	21	20	22	***	23	22	22	24	26	26	22	22	19	18	24
17	17	16	16	17	20	22	20	18	18	16	15	14	15	16	17	17	17	17	17	16	16	16	17	16	17
18	17	17	17	18	21	27	22	19	17	17	17	***	22	22	23	22	24	23	22	22	23	24	24	22	21
19	22	22	23	24	23	24	22	20	19	***	18	18	19	19	19	18	21	21	19	22	21	21	21	21	21
20	20	18	19	18	18	20	20	19	18	18	17	18	17	18	18	18	18	19	19	19	21	21	20	19	19
21	19	19	18	18	19	22	27	26	23	21	17	17	18	18	18	19	19	20	23	23	21	20	21	22	20
22	23	21	21	20	19	20	22	23	22	20	20	20	20	19	19	22	23	24	23	21	22	22	24	25	21
23	24	24	21	20	19	24	28	21	18	18	18	18	18	18	18	19	19	20	20	21	20	21	23	22	21
24	20	20	21	23	25	28	39	48	38	30	23	23	23	23	24	28	31	30	28	28	27	28	29	28	28
25	25	22	20	21	26	21	22	23	22	21	19	***	***	18	19	20	20	20	20	21	23	21	22	21	21
26	22	26	26	24	26	27	28	33	28	24	22	21	19	19	19	19	20	21	22	24	23	22	22	21	23
27	20	20	21	20	23	22	22	22	20	20	21	22	21	21	23	23	25	28	26	28	27	26	23	26	23
28	24	23	25	26	26	25	28	36	36	32	30	32	26	25	27	26	34	36	37	40	36	38	37	40	31
29	41	42	46	39	37	38	41	50	52	50	34	34	29	32	30	29	41	49	44	37	34	32	32	28	38
30	25	26	26	26	29	29	31	37	39	29	26	28	28	29	29	***	40	37	36	35	31	29	26	25	30
31	24	26	20	23	20	23	33	44	44	34	34	29	27	28	24	22	26	35	31	27	22	22	25	30	28
MEAN	23	22	23	22	22	23	24	27	27	26	23	22	22	22	22	23	24	25	24	24	23	23	23	23	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	24	21	18	18	18	18	22	22	21	19	19	18	18	22	22	22	20	22	24	23	22	21	21	21
2	22	20	20	20	20	19	18	20	21	21	22	23	23	24	23	24	23	23	24	23	23	22	21	22	22
3	21	22	21	20	20	19	19	19	20	21	22	25	25	24	25	26	30	32	31	30	28	29	29	23	24
4	17	17	17	16	17	17	17	18	19	20	20	19	18	19	18	19	19	21	28	30	29	26	23	24	20
5	22	19	17	18	17	17	16	18	23	23	21	20	21	21	21	21	20	22	24	23	22	19	19	19	20
6	18	18	18	17	18	16	17	17	19	22	20	19	18	18	19	18	19	19	19	19	19	18	21	19	19
7	21	21	19	18	17	17	18	18	19	22	21	19	17	17	19	22	19	24	29	30	27	25	27	30	22
8	29	28	32	33	36	38	34	39	56	67	39	30	27	23	23	22	28	35	42	57	62	48	36	32	37
9	37	32	37	30	27	25	23	22	24	24	23	26	25	25	25	25	24	24	24	25	24	22	22	21	26
10	21	21	21	21	19	18	18	17	18	18	19	19	19	20	21	23	22	21	20	20	19	20	19	18	20
11	19	18	17	17	16	17	18	19	22	26	25	25	26	26	26	27	26	29	36	39	30	26	23	22	24
12	21	21	19	19	19	19	19	21	22	25	26	23	23	23	26	21	19	20	19	18	17	16	16	17	20
13	19	17	18	20	17	17	18	19	20	25	21	19	18	18	18	18	19	19	20	22	20	19	20	21	19
14	22	20	20	19	18	17	17	19	20	20	20	19	18	18	18	18	18	19	20	21	20	21	20	20	19
15	21	21	19	19	18	19	19	19	22	24	23	20	19	19	19	20	20	20	21	20	19	18	18	18	20
16	18	18	18	18	17	17	18	18	18	19	19	18	18	17	17	17	17	18	22	26	27	26	23	23	19
17	21	19	18	18	17	17	17	17	17	17	17	17	18	17	17	17	17	18	19	19	18	18	18	20	18
18	21	19	17	17	16	17	17	18	23	34	29	18	17	19	19	25	23	22	23	22	22	25	24	25	21
19	26	26	27	23	20	19	19	22	28	34	32	28	29	28	29	32	33	36	37	32	29	27	26	26	28
20	26	25	24	24	23	22	21	22	30	35	38	37	27	26	26	24	25	25	28	23	21	20	19	19	25
21	19	19	18	18	18	18	18	17	17	17	17	16	16	16	16	18	17	18	18	17	18	17	18	17	17
22	18	17	17	17	18	19	19	19	20	25	22	20	20	19	19	19	19	26	30	31	32	34	30	30	23
23	31	33	31	28	23	21	22	22	26	25	23	22	22	22	22	22	23	25	29	27	24	23	23	22	25
24	23	24	23	24	19	19	18	18	19	18	18	18	18	18	19	19	17	16	16	16	15	15	15	15	18
25	15	15	15	15	15	15	15	15	16	17	17	16	17	17	16	16	17	19	18	18	18	18	17	18	16
26	17	17	17	17	17	18	18	19	22	21	20	19	18	18	17	17	17	20	22	27	26	23	29	23	20
27	26	29	22	23	23	22	24	30	33	34	28	21	19	19	19	19	21	25	24	21	22	24	24	22	24
28	21	20	19	18	18	17	17	19	23	23	22	26	26	27	31	28	29	26	21	19	19	19	18	19	22
29	18	17	18	21	18	19	21	25	27	24	19	19	19	19	19	20	22	21	23	25	24	22	22	21	21
30	21	21	19	19	19	19	20	21	22	22	24	23	22	22	22	22	23	22	23	22	22	21	19	19	21
MEAN	22	21	21	20	19	19	19	20	23	25	23	21	21	21	21	21	22	23	24	25	24	23	22	22	22

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	18	18	18	18	18	19	19	19	19	19	20	21	21	20	20	20	19	19	19	17	18	19
2	16	16	16	16	16	16	16	17	17	16	16	16	16	16	17	17	17	17	17	17	17	16	16	16	16
3	16	16	15	15	15	15	16	16	17	16	16	16	17	17	16	16	17	17	17	16	16	16	16	16	16
4	17	16	16	17	17	17	17	18	19	18	17	18	18	18	19	19	21	27	27	29	34	36	39	56	23
5	54	46	40	32	27	23	22	23	23	23	22	23	24	25	25	24	25	26	27	26	31	33	31	27	29
6	28	28	30	31	30	33	31	38	41	31	26	26	23	23	23	24	27	27	26	24	26	30	33	36	29
7	29	28	25	25	23	26	37	43	36	27	26	24	23	24	23	25	25	25	25	25	21	21	23	23	26
8	23	24	25	24	22	19	19	18	21	22	24	25	23	24	25	25	21	21	22	22	19	19	19	19	22
9	19	19	19	19	19	19	19	20	20	21	20	20	19	19	19	21	21	21	20	21	20	21	21	21	20
10	19	19	19	19	20	20	20	23	25	26	23	22	22	22	21	21	22	23	21	21	20	20	20	20	21
11	18	18	18	18	19	18	20	24	30	23	24	22	24	27	27	27	30	32	27	26	24	23	23	23	24
12	23	23	20	19	20	21	22	27	29	29	28	24	23	23	23	23	24	25	26	27	28	28	28	25	25
13	23	22	23	22	21	22	24	28	29	41	37	30	26	21	21	21	23	23	21	20	18	18	18	17	24
14	17	17	17	16	16	16	17	17	18	17	17	17	17	17	17	17	18	19	19	18	20	20	19	20	18
15	21	21	19	18	17	16	16	17	17	17	18	18	19	20	20	20	20	20	20	20	20	20	20	20	19
16	21	21	21	21	19	19	21	24	26	25	24	26	28	28	28	25	22	25	27	27	24	23	21	22	23
17	23	21	21	20	21	21	22	26	28	25	22	21	21	19	19	19	21	23	23	21	18	18	17	18	21
18	18	18	18	18	18	19	19	20	22	20	20	20	20	20	22	21	21	22	21	20	20	20	21	20	20
19	20	20	20	20	20	20	23	28	31	26	23	23	23	23	24	26	28	32	32	27	27	25	24	23	25
20	23	23	21	21	21	22	22	28	45	39	39	36	31	27	28	30	33	33	28	27	25	24	24	25	28
21	26	28	25	24	22	21	21	23	24	27	28	26	25	26	26	28	29	30	30	27	26	27	25	40	27
22	23	23	23	23	20	23	24	23	22	21	21	21	19	19	19	19	19	22	20	21	23	24	21	23	22
23	21	19	19	19	19	19	20	23	29	28	24	24	22	20	21	21	23	23	26	26	23	22	20	20	22
24	20	20	19	21	18	18	18	21	23	24	23	21	18	17	17	17	17	19	20	20	19	19	19	19	19
25	20	20	20	19	17	17	17	18	18	18	19	19	19	19	18	17	17	17	17	18	18	19	20	21	18
26	21	21	21	20	21	21	22	22	24	26	24	22	19	21	21	20	21	21	21	21	21	21	21	21	21
27	20	19	19	19	19	19	19	20	22	22	21	21	21	21	21	22	22	22	22	20	19	19	20	19	20
28	17	17	18	19	18	18	19	19	21	20	19	19	19	20	19	19	19	20	20	20	18	18	18	18	19
29	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19	19	21	21	21	22	21	21	21	19
30	19	19	19	19	19	18	18	18	18	19	17	17	17	17	17	17	17	17	17	20	21	21	23	22	19
31	20	20	21	21	22	25	22	26	32	32	33	30	26	24	23	24	22	24	27	28	29	29	26	24	24
MEAN	22	21	21	20	20	20	21	23	25	24	22	22	21	21	21	21	22	23	23	22	22	22	22	23	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	17	22	72
FEB	24	18	21	49
MAR	28	16	23	42
APR	29	18	26	40
MAY	29	22	36	57
JUN	27	20	27	47
JUL	24	24	33	92
AUG	29	23	30	57
SEP	29	22	32	52
OCT	31	23	38	52
NOV	30	22	37	67
DEC	31	22	29	56
YEAR	342	21	38	92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	18	461	215	4	1	0	0	0	699
FEB	6	358	146	3	0	0	0	0	513
MAR	68	470	113	9	0	0	0	0	660
APR	43	377	214	15	0	0	0	0	649
MAY	3	264	303	64	0	0	0	0	634
JUN	43	235	251	63	0	0	0	0	592
JUL	9	145	284	41	5	1	0	0	485
AUG	0	223	347	55	0	0	0	0	625
SEP	0	269	347	46	0	0	0	0	662
OCT	0	215	424	93	0	0	0	0	732
NOV	0	319	352	41	2	0	0	0	714
DEC	0	259	435	38	0	0	0	0	732
YEAR	190	3595	3431	472	8	1	0	0	7697

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS DISTRIBUTION										ARITH MEAN
	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	
87	2	13.1	16.7	19.1	22.1	27.7	31.2	36.3	40.6	92	20.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	23	21	27	22	18	18	18	19	19	18	17	16	17	17	17	18	18	18	19	19	19	19	19	19
2	20	20	21	21	21	21	25	28	26	24	22	17	17	17	17	17	18	18	18	18	18	19	19	19	20
3	19	30	22	20	19	19	20	22	24	27	28	22	22	21	18	15	15	17	18	21	22	19	19	19	21
4	19	19	19	18	18	18	18	18	19	18	17	17	15	15	16	16	16	17	19	18	19	19	20	21	18
5	22	23	23	23	24	23	23	23	22	22	20	19	18	18	17	17	19	18	18	19	20	21	22	23	21
6	23	23	24	24	23	23	23	22	22	21	21	20	17	16	16	16	16	16	16	16	17	18	19	20	20
7	21	21	21	21	21	21	21	21	20	19	19	18	17	17	17	16	16	16	16	16	16	16	17	17	18
8	17	18	18	18	18	19	20	23	26	23	22	22	21	21	22	25	21	20	20	19	19	19	19	18	20
9	16	17	18	18	19	19	19	19	19	22	20	19	23	19	23	27	25	23	27	25	30	24	20	21	
10	17	16	16	16	16	16	16	16	18	20	19	18	17	18	26	33	19	21	20	18	16	16	16	16	18
11	16	16	16	15	15	15	15	20	19	20	19	22	18	17	18	20	21	23	25	31	35	36	27	21	21
12	20	18	18	21	20	22	21	22	20	19	18	18	18	20	20	21	27	25	24	24	22	20	20	20	21
13	20	20	20	20	20	20	20	20	20	20	19	18	18	18	18	18	18	22	26	26	25	25	22	22	21
14	51	23	22	21	21	22	23	27	21	19	18	17	18	17	16	16	16	16	16	16	16	16	16	16	20
15	16	17	17	17	17	17	17	19	19	18	17	17	16	16	16	17	16	16	15	17	18	19	17	24	17
16	21	21	21	18	19	19	19	18	18	19	19	18	18	18	18	24	30	28	23	19	17	17	16	16	20
17	16	16	16	16	16	16	16	17	17	18	18	18	18	18	19	19	20	20	20	20	20	20	20	21	18
18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	26	28	27	36	46	31	29	27	30	18
19	31	30	29	36	27	26	27	27	25	24	23	23	21	23	25	24	41	42	37	28	24	33	41	38	29
20	39	36	31	30	27	25	24	24	25	25	26	26	26	26	27	27	27	27	26	26	26	26	26	26	28
21	17	17	17	17	17	17	17	18	18	17	17	17	18	18	18	19	20	21	21	22	22	22	22	22	19
22	22	22	22	23	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
23	22	22	22	23	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31	14	14	14	15	13	14	15	15	14	14	15	14	15	14	15	17	17	19	18	19	19	19	19	19	16
MEAN	22	20	20	20	20	19	20	20	20	20	19	19	18	18	19	20	20	21	21	21	20	21	20	20	20

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	21	22	23	23	22	22	21	21	22	20	18	18	18	19	21	20	18	18	17	17	20
2	15	16	16	16	16	16	16	16	17	17	18	17	18	18	17	18	18	18	19	19	23	22	21	20	18
3	20	20	20	20	19	18	18	18	18	18	17	16	16	16	17	17	17	18	19	34	23	21	22	21	19
4	20	20	20	20	20	21	22	25	24	22	20	17	16	16	17	18	16	17	18	17	17	19	23	25	20
5	22	19	19	19	19	19	19	20	19	17	16	16	16	14	14	16	17	18	17	18	21	19	20	24	18
6	25	17	20	22	17	16	18	18	18	17	17	16	17	26	25	21	20	19	19	19	19	19	19	19	19
7	19	19	19	19	19	21	22	21	22	22	21	19	19	17	18	19	21	22	21	23	21	22	22	22	20
8	22	23	24	25	24	26	26	27	41	33	29	35	25	24	26	27	20	23	24	27	17	24	18	23	26
9	19	18	18	17	16	26	31	29	17	16	15	14	13	12	11	12	12	15	18	15	14	14	14	17	
10	16	16	16	17	17	17	17	17	17	17	16	15	15	15	15	14	14	15	14	14	14	14	14	14	15
11	14	14	14	14	14	15	14	15	16	14	15	15	15	15	15	15	14	14	14	15	14	14	14	15	14
12	14	14	14	19	18	17	16	16	16	15	14	14	14	15	15	15	15	16	17	18	16	16	16	18	16
13	18	39	32	27	21	19	19	18	22	21	17	15	15	15	15	15	14	14	15	16	17	17	20	20	19
14	20	21	21	21	21	21	21	22	23	22	20	18	17	17	17	16	16	19	24	20	25	27	31	29	21
15	25	28	32	34	35	30	25	30	32	29	24	22	20	19	16	16	18	18	18	20	51	84	30	28	29
16	19	19	25	31	32	28	28	29	29	22	18	16	16	15	15	15	14	15	15	15	15	14	13	13	20
17	12	12	12	13	13	13	13	14	14	16	16	15	14	14	14	14	14	15	15	15	16	16	16	16	14
18	15	18	24	22	23	19	22	25	24	19	17	14	14	17	16	17	17	17	18	19	20	20	19	18	19
19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
20	20	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	DATA MISSING -																								
22	20	17	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
23	18	20	21	22	22	22	22	22	22	22	22	22	21	20	20	19	19	20	21	22	22	22	22	22	21
24	23	23	24	30	28	27	25	29	25	23	21	20	20	20	19	18	18	18	19	19	19	23	23	22	22
25	23	23	22	27	29	24	25	25	28	24	22	22	21	21	21	13	14	14	13	12	14	15	15	17	20
26	17	16	16	17	17	16	17	17	16	15	14	13	13	13	12	12	12	12	12	12	13	13	13	13	14
27	13	13	14	14	14	14	14	16	17	15	15	14	14	13	13	13	13	13	13	13	13	12	11	11	14
28	11	11	12	12	12	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	11	11	11	12
MEAN	18	19	20	21	20	20	20	21	21	20	18	18	17	17	16	17	16	17	17	19	19	21	18	19	19

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION																								
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003												MONTH MAR 74												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	11	12	11	11	11	11	12	13	14	14	14	15	14	14	14	13	13	13	13	17	21	14	14	14	13											
2	14	14	15	16	15	15	15	15	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	16	16											
3	16	16	16	16	16	16	16	16	16	14	14	14	14	15	18	19	19	18	16	13	11	11	12	12	15											
4	12	12	12	12	13	12	12	13	13	15	14	***	34	24	23	24	24	24	24	26	23	22	22	20	19											
5	19	20	25	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19												
6	19	19	20	19	19	19	19	22	21	19	19	18	18	17	17	17	17	17	17	17	17	17	17	16	18											
7	16	16	16	16	16	17	17	20	20	20	19	18	18	17	16	16	15	15	15	15	16	17	17	21	17											
8	23	25	24	22	19	20	19	19	19	19	19	19	19	***	15	15	15	15	13	13	13	13	13	13	18											
9	13	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12	12	12	13												
10	10	10	10	11	12	12	13	12	12	12	12	12	12	12	12	12	12	12	13	13	14	16	21	17	13											
11	13	14	15	17	20	21	24	17	16	14	13	***	18	17	17	17	18	19	48	21	18	19	17	16	19											
12	15	15	15	15	15	17	17	17	18	18	18	18	18	18	18	18	18	20	20	23	24	23	21	23	18											
13	25	23	26	28	29	30	30	30	28	27	26	26	23	25	25	23	23	23	23	22	22	23	23	26	25											
14	26	25	29	28	28	27	25	25	24	22	21	13	12	12	12	12	12	16	15	18	27	32	16	40	22											
15	17	17	19	13	21	17	20	26	26	18	14	14	13	14	67	11	11	11	11	11	11	11	11	11	17											
16	11	11	11	11	11	11	11	11	11	14	15	18	12	14	16	19	15	11	11	11	11	11	11	11	12											
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	11	11	10											
18	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11											
19	11	11	11	11	11	11	11	11	11	11	11	10	10	10	***	15	14	14	14	14	14	14	14	14	12											
20	15	15	15	15	18	17	17	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17											
21	15	15	15	15	15	14	14	14	19	20	25	23	19	16	16	16	16	16	16	16	16	16	16	16	17											
22	16	16	15	15	15	15	15	15	15	15	15	15	16	17	16	15	15	15	15	15	15	15	15	15	15											
23													-	DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-											
24													-	DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-											
25													-	DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-											
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	16	18	16	16	16	16	16	16	***											
27	16	16	16	17	17	17	17	16	16	15	14	13	13	13	12	12	12	13	13	13	13	13	13	14	14											
28	14	15	15	15	15	15	18	16	15	15	15	15	14	14	14	14	14	14	14	14	14	14	15	16	15											
29	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16											
30	16	16	16	16	16	16	16	16	16	16	16	17	17	17	16	16	16	16	15	15	15	14	14	14	16											
31	14	14	14	14	13	12	16	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	13											
MEAN	15	15	16	16	16	16	16	16	16	16	16	16	16	16	18	16	15	15	16	16	16	16	15	16	16											
PERCENTAGE OF DATA VALID -												86																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS													UNITS - 0.1 PARTS/MILLION												
STATION - ELMCREST ROAD, ETOBICOKE													NO 35003												
MONTH APR 74																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	15	17	14	14	14	14	14	14	14	14	14	15	15	15	15	15	16	16	16	16	15
2	15	15	15	15	15	15	21	16	14	14	14	14	13	13	13	12	12	12	13	14	15	14	13	12	14
3	12	15	20	15	15	15	23	29	30	23	15	14	15	15	15	15	14	14	14	14	16	25	26	20	18
4	16	15	14	14	13	13	13	13	13	12	12	12	11	11	11	11	11	11	11	11	11	11	11	12	12
5	12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6													-	DATA MISSING	-										
7													-	DATA MISSING	-										
8													-	DATA MISSING	-										
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	14	15	16	16	15	20	16	16	17	***
10	19	18	17	17	16	16	16	15	15	14	13	13	12	12	14	16	***	***	***	***	***	***	***	***	15
11	***	***	***	***	***	***	***	***	***	***	***	***	16	15	15	15	15	16	18	20	24	22	24	103	48
12	28	21	19	17	16	15	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	18	18	17
13	18	18	20	20	18	17	17	19	17	17	15	13	13	13	12	12	12	12	12	14	17	19	24	16	
14	35	36	49	23	20	16	16	16	16	16	16	16	15	15	15	15	15	14	13	13	13	13	13	13	18
15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	16	16	17	17	15
16	16	16	17	18	17	17	17	17	17	15	16	16	15	15	***	16	16	16	16	15	15	15	15	15	16
17	16	16	17	17	17	17	17	17	16	16	16	15	14	14	15	14	13	14	14	14	14	14	15	15	15
18	15	15	15	15	16	17	19	18	17	17	16	16	16	17	17	17	17	18	19	20	22	24	24	20	18
19	21	21	26	25	23	24	21	20	21	21	22	20	21	21	21	21	19	18	18	20	23	27	27	24	24
20	28	33	33	36	38	35	30	29	26	23	22	20	19	18	18	18	18	18	18	18	20	23	27	23	25
21	32	39	33	39	31	31	43	36	31	26	22	21	20	20	19	17	16	16	16	15	15	15	15	14	24
22	14	14	14	14	14	14	14	14	14	15	14	16	16	16	16	18	20	18	16	16	15	15	15	16	15
23	16	16	16	16	16	16	16	18	17	17	17	17	17	17	17	16	16	16	16	16	16	16	18	18	17
24	18	19	18	18	17	17	17	17	17	16	16	15	15	16	16	15	15	15	16	17	17	18	19	18	17
25	18	24	21	24	22	19	20	21	18	16	15	15	15	14	14	14	14	14	14	16	16	21	29	20	18
26	21	18	19	23	20	19	25	26	19	19	***	***	18	17	17	17	17	17	21	27	24	22	19	23	20
27	22	28	32	22	26	27	26	25	25	23	22	20	18	16	15	15	14	13	13	13	14	14	15	15	20
28	18	19	19	19	19	24	25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29													-	DATA MISSING	-										
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	21	22	20	17	18	17	17	17	18	18
MEAN	19	20	21	20	19	19	20	20	18	17	16	16	16	15	16	16	16	15	16	16	17	20	22	19	18
PERCENTAGE OF DATA VALID -													74												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	18	18	18	18	18	18	18	17	17	18	18	18	19	19	19	20	22	26	26	28	26	20
2	40	27	23	37	42	32	28	23	24	21	20	20	20	20	20	20	20	20	19	19	19	19	19	19	24
3	23	37	24	22	21	31	41	29	28	26	26	21	22	22	18	18	18	17	17	17	17	17	17	17	23
4	17	17	17	17	17	17	18	19	19	19	18	18	18	17	17	17	17	17	17	18	21	37	30	24	19
5	28	35	28	24	24	25	26	27	24	19	19	19	19	20	20	20	20	20	19	19	19	19	19	19	22
6	19	18	18	18	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	17
7	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	18	17	17	19	18	18	18	18	19	17
8	21	22	23	21	21	25	31	34	27	20	19	19	19	18	18	20	21	20	20	20	19	19	19	19	21
9	19	19	19	19	19	19	20	27	33	25	24	23	24	23	17	16	16	17	17	17	19	16	15	15	20
10	14	14	14	14	14	15	16	16	16	16	16	15	15	14	14	14	15	14	16	19	20	22	21	17	16
11	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
12	15	15	15	15	14	13	13	13	13	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13
13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	16
14	18	17	15	15	16	16	16	16	16	16	16	16	17	16	14	14	14	14	14	14	14	16	17	16	16
15	17	19	17	15	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15	15	15	17	15
16	16	16	16	16	16	17	17	16	16	16	16	16	16	16	20	20	20	20	15	15	15	16	15	15	17
17	16	16	17	15	15	19	21	22	27	20	16	15	15	15	15	15	14	15	15	16	17	17	17	17	17
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
22	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
23	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
24	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
27	19	28	29	21	20	21	22	20	19	17	17	16	17	17	17	17	17	16	22	17	18	18	19	18	19
28	18	25	21	25	20	23	22	18	17	16	17	17	16	16	16	16	17	17	16	16	18	19	19	19	19
29	19	19	19	20	21	21	23	31	33	32	28	27	25	23	22	22	22	22	23	25	25	31	24	20	24
30	39	36	37	29	22	23	21	20	18	18	17	17	17	17	17	17	17	17	18	22	20	29	34	25	23
31	27	25	21	22	22	22	22	22	21	22	22	22	22	19	17	17	17	17	17	19	18	18	18	19	20
MEAN	20	21	19	19	19	19	20	20	20	18	18	18	18	17	17	17	17	17	17	17	18	19	19	18	18

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	21	21	21	21	21	21	21	19	19	18	18	18	19	20	20	19	22	24	23	27	21
2	43	43	27	24	24	28	26	21	21	20	20	19	18	18	18	18	18	18	20	21	26	30	31	23	24
3	23	26	41	28	23	24	26	27	24	21	20	20	20	18	18	19	19	20	20	21	21	21	20	20	23
4	26	24	27	36	29	25	24	23	29	30	28	25	23	22	21	23	24	23	26	26	24	24	25	25	26
5	31	56	29	31	68	38	34	33	31	30	26	23	23	23	23	23	23	23	24	26	28	29	28	40	31
6	33	32	29	31	33	33	34	27	24	23	22	22	21	20	20	20	20	20	20	21	21	20	20	20	24
7	22	22	21	21	21	21	22	24	23	23	22	22	22	20	20	20	20	20	21	21	24	25	24	24	22
8	24	23	23	22	22	22	22	22	21	21	20	20	19	19	19	20	20	21	21	21	21	20	21	22	21
9	38	25	31	32	25	25	26	25	23	23	22	21	19	19	18	19	18	17	17	17	17	17	17	17	22
10	18	21	24	27	26	23	21	18	18	17	16	16	16	16	16	16	16	16	16	17	17	17	17	17	18
11	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18
12	18	18	19	22	21	20	20	20	19	19	19	19	18	18	18	19	18	19	19	19	19	19	19	19	19
13	19	19	19	26	33	29	24	22	23	21	20	20	19	19	19	20	20	20	20	19	20	20	20	21	21
14	24	26	25	23	22	22	26	33	27	22	22	22	22	18	18	18	19	20	20	18	19	21	25	25	23
15	27	29	24	22	21	21	21	25	25	22	21	21	21	21	21	21	18	17	17	17	17	17	18	19	21
16	20	22	20	20	19	19	19	20	20	19	19	19	19	19	18	18	18	18	19	20	20	20	23	22	20
17	20	20	20	20	20	19	19	19	18	18	18	19	19	18	18	18	19	19	19	19	19	19	19	20	19
18	20	20	20	20	20	20	20	20	20	20	20	21	20	19	19	19	19	19	19	19	19	19	19	19	19
19													- DATA MISSING -												
20													- DATA MISSING -												
21	14	14	14	14	15	14	14	14	13	12	11	11	11	9	9	10	8	8	9	11	11	11	12	11	12
22	11	11	11	13	15	13	13	13	12	12	12	12	10	10	10	10	10	10	10	10	10	10	10	10	11
23	11	14	14	16	16	16	16	16	16	16	16	16	11	11	11	11	11	11	12	11	17	18	18	28	14
24	35	34	36	36	33	28	27	20	18	16	14	14	14	14	14	13	13	13	15	15	16	3	14	20	20
25	33	35	33	18	25	20	20	16	16	15	12	12	12	12	14	14	14	11	11	10	17	22	28	37	19
26	40	40	38	34	34	24	12	12	10	10	6	6	6	21	21	21	21	21	21	21	42	44	49	56	26
27	39	40	32	31	31	33	41	35	32	28	28	25	24	21	20	20	20	20	20	20	20	20	20	20	27
28	19	19	19	19	18	18	18	18	18	18	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14
29	19	19	19	19	18	18	18	18	18	18	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14
30	19	19	19	19	18	18	18	18	18	18	17	17	15	14	14	14	14	14	14	14	14	14	14	14	14
MEAN	25	26	24	23	25	23	23	22	21	20	19	18	18	17	17	17	17	17	17	18	20	20	20	22	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - ELMCREST ROAD, ETOBICOKE												NO 35003													
												MONTH JUL 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	15	29	17	13	11	11	9	9	9	7	5	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2													- DATA	MISSING	-										
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		17	17	15	19	21	28	28	28	0.00
4	26	17	17	16	16	16	16	17	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5													- DATA	MISSING	-										
6													- DATA	MISSING	-										
7													- DATA	MISSING	-										
8													- DATA	MISSING	-										
9													- DATA	MISSING	-										
10													- DATA	MISSING	-										
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	17	17	17	21	23	25	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	17	17	17	17	17	21	72	34	28	20	0.00
13	24	30	22	22	22	22	21	21	20	19	17	17	16	16	16	16	16	16	16	16	17	17	17	17	19
14	17	17	17	17	17	17	17	17	17	17	17	17	17	18	19	20	19	19	19	19	19	18	17	16	18
15	16	16	16	16	16	16	18	18	17	17	17	17	17	21	21	20	20	19	18	18	21	21	23	26	19
16	28	32	30	27	25	21	22	22	21	19	19	20	20	19	19	19	19	19	19	19	22	37	44	25	24
17	23	25	45	49	42	39	30	25	21	20	19	18	18	18	18	18	17	17	17	17	17	18	17	22	24
18	21	19	21	23	21	20	21	21	21	20	19	15	16	16	16	16	16	16	16	16	16	16	16	16	18
19	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	15	15	15	15	15	15	15	15	15	16
20	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21													- DATA	MISSING	-										
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	16	16	16	16	16	16	23	22	24	0.00
23	20	20	21	20	22	26	21	25	23	23	22	21	19	19	17	17	17	17	19	19	20	26	21	21	21
24	21	24	17	17	21	23	23	19	18	0.00	14	15	22	17	17	17	17	18	16	16	18	19	19	19	19
25	19	19	19	19	18	18	18	18	18	18	16	19	17	15	15	15	15	15	15	15	15	15	15	15	17
26	15	16	16	18	20	19	19	19	19	19	25	26	24	23	20	20	20	19	19	19	19	19	23	27	20
27	22	22	22	23	28	30	26	23	21	21	21	21	18	18	16	16	22	22	22	25	25	27	27	27	23
28	27	27	28	29	29	27	27	26	26	26	25	25	25	25	24	24	24	24	24	24	24	24	24	24	26
29	24	24	25	27	27	29	28	28	28	17	17	32	24	20	18	18	18	15	15	17	24	18	18	18	22
30	19	18	22	17	17	17	17	17	17	15	15	24	27	22	21	20	20	20	20	20	20	20	20	18	19
31	17	17	17	17	17	17	17	17	17	15	15	17	20	19	16	16	16	16	16	16	16	16	16	20	17
MEAN	20	21	21	22	22	22	21	20	19	18	18	19	19	18	18	18	18	18	18	19	22	21	22	21	20
PERCENTAGE OF DATA VALID -												59													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - TOTAL HYDROCARBONS										UNITS - 0.1 PARTS/MILLION													
		STATION - ELMCREST ROAD, ETOBICOKE										NO 35003													
												MONTH AUG 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	26	26	21	19	17	17	15	15	15	15	15	14	14	14	14	15	15	15	16	21	17	
2	22	19	24	25	25	25	26	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
3																									
4																									
5																									
6																									
7																									
8																									
9	36	37	32	35	39	39	39	36	29	22	49	36	21	21	21	21	20	20	20	22	25	23	27	29	
10	27	27	28	28	29	35	34	25	22	21	20	19	19	19	19	19	20	22	23	23	27	33	37	25	
11	37	40	34	32	31	33	52	28	23	22	20	19	19	19	19	19	19	19	19	20	21	21	21	25	
12	23	26	26	26	28	29	28	27	28	26	25	23	23	25	24	24	25	24	25	27	29	27	30	26	
13	32	33	57	52	44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	23	28	28	35	40	32	29	26	24	23	22	21	21	22	25	31	31	32	39	41	40	43	49	45	
15	45	49	50	55	57	69	52	49	45	39	33	33	33	37	35	33	32	32	32	32	33	35	36	40	
16	52	45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	39	40	39	40	43	46	45	41	36	33	31	30	29	31	29	32	28	22	21	23	27	34	40	34	
18	39	35	33	36	37	40	43	35	35	33	30	27	25	25	23	23	25	26	27	30	33	33	35	32	
19	38	50	49	45	43	43	40	36	33	31	29	26	26	26	32	31	26	26	30	33	37	43	44	40	
20	45	45	41	40	0.00	55	51	45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	37	34	39	43	40	40	50	43	34	29	24	21	19	19	19	19	19	23	27	27	28	31	30	32	
22	32	33	39	41	43	43	50	37	28	24	22	18	18	0.00	26	26	27	29	30	33	31	29	31	33	
23	42	39	44	50	65	55	42	36	32	31	33	30	25	28	28	29	32	30	32	34	37	30	26	25	
24	26	28	29	28	29	30	28	26	24	24	24	25	26	25	24	25	26	27	29	43	52	56	45	33	
25	48	51	41	42	43	45	43	36	28	24	31	29	29	28	28	28	27	25	25	26	27	30	30	31	
26	33	37	47	41	39	60	59	54	43	33	30	31	29	29	28	28	27	26	25	26	26	27	29	27	
27	28	27	26	30	26	29	33	33	28	24	23	28	25	25	24	23	23	23	22	23	28	31	31	30	
28	32	35	32	34	34	39	42	40	34	28	27	25	24	23	23	24	24	24	26	31	37	49	51	45	
29	53	56	61	52	54	47	58	45	35	28	25	22	22	22	24	24	23	23	23	27	32	34	35	33	
30	34	33	32	39	39	43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31																									
												- DATA MISSING -													
MEAN	35	36	37	38	39	41	42	36	31	27	27	25	23	25	25	25	26	26	27	29	31	33	34	33	31
PERCENTAGE OF DATA VALID -		71																							

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	27	27	29	31	31	28	28	26	24	24	24	23	23	23	23	21	21	20	20	20	22	22	23	24	26
14	30	31	33	31	31	29																			
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	29	29	31	31	31	29	28	26	24	24	24	23	23	23	22	23	23	24	26	26	26	27	27	29	26
PERCENTAGE OF DATA VALID -	5																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	28	29	28	26	28	30	30	30	29	29	27	34	47	33	30	26	28	30	28	26	24	28	29	28
2	37	39	39	39	42	39	36	33	30	28	27	23	23	23	25	26	27	27	27	29	28	28	35	42	31
3	33	30	32	32	33	35	37	35	31	28	24	23	23	23	24	24	23	23	23	23	23	24	24	24	27
4	24	26	26	26	28	27	27	26	26	25	25	25	25	25	25	24	23	23	23	23	23	22	20	19	24
5	19	19	21	20	19	19	19	19	18	18	18	19	20	20	19	19	19	20	23	23	22	24	26	29	21
6	30	28	33	30	28	30	31	36	35	25	21	21	20	22	25	25	25	25	26	25	25	25	26	27	27
7	28	28	30	28	27	27	28	30	31	28	26	26	26	26	26	32	34	39	29	27	28	28	30	30	29
8	33	29	27	27	28	28	28	28	28	27	26	25	26	26	26	37	36	33	32	32	35	38	38	40	31
9																									
10																									
11	34	36	35	36	38	38	37	39	45	34	26	20	22	22	22	22	23	24	25	26	28	31	30	33	31
12	59	38	39	42	38	41	36	27	25	26	24	23	22	21	23	23	22	22	24	24	23	24	22	36	29
13	42	56	49	28	24	24	24	24	23	21	20	20	19	19	19	19	19	20	20	20	19	19	19	20	24
14	19	20	22	26	25	22	23	24	25	26	22	21	20	19	18	18	18	19	19	19	19	19	19	19	21
15	19	19	19	18	18	19	20	20	22	20	20	19	19	19	18	19	22	26	26	31	32	46	48	44	24
16	29	26	25	48	52	29	35	38	35	32	25	24	24	21	20	20	20	21	23	28	33	29	24	23	29
17	21	21	20	20	20	19	19	19	19	19	18	18	17	17	22	18	19	19	20	21	23	26	27	26	20
18	29	30	28	27	28	31	32	36	34	37	40														
19																									
20																									
21																									
22	63	62	49	35	40	47	52	45	39	29	37	40	46	38	36	36	39	43	49	56	61	65	67	63	47
23	60	60	60	57	54	55	56	52	42	40	41	41	33	33	27	38									47
24																									
25																									
26	45	46	49	50	52	52	52	50	47	43	36	31	27	24	22	22	24	28	34	35	31	31	32	32	37
27	32	32	36	36	37	37	40	39	37	35	33	31	29	28	28	28	28	31	35	41	42	41	44	46	35
28	49	64	60	64	59	64	63	63	66	60	52	41	35	35	32	34	36	37	41	46	61	46	50	48	50
29	48	52	67	74	72	70	63	62	74	55	43	36	36	33	34	42	44	46	48	66	67	57	56	47	55
30	57	58	58	54	50	47	45	47	45	40	38	38	40	38	37	40	41	40	37	30	30	30	34	39	42
31	39	40	42	38	34	28	27	29	31	32	32	33	34	32	38	41	43	46	46	46	46	49	53	56	39
MEAN	37	37	37	37	36	36	36	35	35	32	29	27	27	28	27	28	29	30	31	33	34	34	35	37	33
PERCENTAGE OF DATA VALID -	78																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	50	46	44	40	38	38	38	40	41	39	32	30	33	26	27	25	31	41	46	42	42	39	39	41	38
2	45	38	32	35	33	35	36	35	35	34	35	36	35	36	36	34	37	38	38	36	38	37	36	37	36
3	36	36	38	39	39	40	38	40	43	44	44	45	46	47	45	43	43	41	43	49	49	61	57	44	44
4	47	39	33	34	34	36	39	41	43	41	41	41	41	43	46	49	45	45	45	48	48	48	48	48	43
5	46	45	44	44	44	42	41	38	36	34	35	35	39	48	50	50	51	55	58	60	62	63	68	65	48
6	64	60	67	65	56	51	54	55	51	51	50	54	58	58	50	51	55	62	61	62	61	63	64	63	58
7	64	61	59	57	57	58	59	62	63	60	57	50	51	48	43	50	56	65	68	69	67	66	63	56	59
8	52	53	55	74	70	59	58	61	59	62	56	53	39	34	36	40	55	107	69	70	64	58	52	54	58
9	54	56	51	56	62	63	56	52	50	51	46	41	40	39	39	41	44	46	47	44	40	40	41	47	
10	41	38	39	39	38	37	38	38	39	35	39	38	38	36	36	33	31	32	32	35	32	31	30	31	36
11	33	36	36	37	35	37	41	38	38	39	36	34	34	35	39	46	54	56	53	51	43	44	42	45	41
12	46	42	43	45	48	48	49	51	53	53	60	61	64	50	60	46	37	34	34	34	35	38	40	38	46
13	35	37	39	37	37	37	45	40	35	31	30	26	***	33	28	32	35	35	34	37	37	37	38	38	35
14	34	28	24	26	27	29	31	27	26	24	26	26	26	26	28	28	28	31	33	34	34	32	32	29	
15	32	33	32	32	33	34	37	39	39	30	29	29	30	33	34	32	32	32	33	33	35	35	34	34	33
16	34	34	34	34	34	34	36	39	34	33	31	33	36	34	34	34	35	43	43	46	40	37	37	35	36
17	35	33	34	34	35	35	34	34	34	34	31	32	32	33	32	33	33	33	34	35	35	35	36	35	34
18	31	33	33	33	33	35	36	42	41	39	38	36	32	32	34	33	33	***	***	***	***	***	***	***	35
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	41	46	44	38	35	36	39	40	40	***
20	39	36	32	36	36	38	40	42	48	50	52	45	50	***	116	85	66	58	53	50	46	43	40	38	50
21	38	44	45	47	48	53	50	50	54	53	52	54	49	41	36	35	36	36	36	37	34	35	36	37	43
22	37	38	40	38	37	37	42	45	36	36	40	38	38	37	47	51	44	45	46	43	38	38	40	47	41
23	44	43	40	42	50	57	61	60	56	49	43	40	36	32	31	38	45	47	46	44	39	37	42	43	44
24	40	38	38	39	37	34	33	31	30	29	30	30	30	29	34	33	33	35	39	40	44	50	49	51	37
25	57	58	56	57	59	53	45	42	35	35	37	***	***	***	***	***	***	46	31	28	25	24	24	24	41
26	21	21	21	21	21	19	19	22	20	18	17	***	53	49	44	40	42	42	48	47	39	45	52	55	35
27	54	46	69	44	44	45	47	59	56	55	44	44	46	31	30	28	27	29	28	26	28	25	25	25	40
28	25	26	25	27	32	33	33	33	34	34	33	***	41	33	31	31	33	29	28	27	29	30	30	32	31
29	33	31	32	33	34	31	33	36	36	37	35	38	39	35	38	41	36	37	47	42	35	42	40	38	37
30	38	42	48	45	36	38	***	51	38	33	33	32	34	39	40	44	41	39	39	39	39	39	38	35	39
MEAN	42	40	41	41	41	41	42	43	41	40	39	39	40	38	41	40	41	44	43	43	41	42	43	41	41

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	40	38	39	39	39	39	38	34	33	34	36	38	36	36	39	38	39	39	39	39	39	39	39	38
2	39	39	38	38	39	39	38	39	38	38	40	42	44	42	46	51	44	40	35	33	32	32	35	36	39
3	37	35	36	32	35	33	33	33	32	30	29	29	***	***	***	31	29	32	31	29	28	28	26	31	37
4	27	31	33	34	34	35	36	36	35	36	34	***	37	36	36	37	41	61	48	***	***	***	***	***	31
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	33	31	35	42	28	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	29	26	24	27	30	39	54	60	42	60
7	43	36	32	29	33	32	37	35	34	45	35	19	20	18	18	18	19	18	17	11	12	14	12	11	25
8	10	10	14	23	27	26	28	28	29	29	30	31	30	26	22	20	19	20	21	26	28	30	35	38	25
9	40	41	39	39	42	41	39	38	40	42	37	34	***	25	19	17	16	18	17	22	22	23	19	21	30
10	22	20	19	16	15	14	14	16	16	15	17	13	14	14	14	16	16	18	17	16	18	19	20	19	17
11	19	18	20	20	20	21	20	21	22	22	23	22	23	24	30	30	31	34	32	35	38	30	28	27	25
12	30	30	27	27	28	29	29	30	28	26	23	23	24	23	***	***	43	42	40	40	39	38	39	40	32
13	41	41	41	43	44	43	41	42	45	44	45	59	49	46	44	39	47	68	54	44	40	39	39	38	45
14	37	37	38	44	40	38	44	45	43	40	38	38	39	39	39	39	41	39	43	49	52	43	52	49	42
15	45	44	31	29	28	30	28	28	29	29	28	27	27	27	27	27	27	27	26	26	27	27	27	27	29
16	29	31	33	34	35	34	32	30	32	35	35	37	38	39	37	34	36	38	42	39	35	35	34	34	35
17	35	34	34	34	34	34	35	36	37	35	34	31	27	28	26	27	29	30	29	26	27	28	27	29	31
18	29	29	29	26	24	23	23	23	24	24	23	25	25	27	26	25	25	25	26	26	26	27	28	30	26
19	30	30	31	31	32	38	34	36	34	30	28	***	27	26	27	28	28	29	30	31	30	29	27	24	30
20	25	23	26	32	33	30	28	43	33	35	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	- DATA MISSING -																								
22	- DATA MISSING -																								
23	- DATA MISSING -																								
24	***	***	***	***	***	***	***	***	***	***	33	28	29	28	28	30	29	29	28	27	27	27	27	27	***
25	27	27	27	27	28	28	41	30	29	28	27	27	28	28	26	26	26	26	26	26	26	26	26	27	28
26	27	28	26	27	28	27	26	27	27	27	28	28	30	33	36	32	31	31	29	25	23	22	23	23	28
27	23	23	23	23	24	24	26	25	25	25	25	25	25	25	27	26	25	25	27	27	28	28	30	33	26
28	36	38	38	39	38	38	39	40	40	38	36	33	33	33	32	33	33	32	34	33	33	32	30	29	35
29	27	28	30	31	33	33	35	33	31	31	30	30	30	30	31	32	32	34	36	38	38	37	37	37	33
30	35	35	34	34	35	36	34	33	35	33	32	29	28	29	28	29	32	26	27	27	30	31	31	30	31
31	33	34	44	38	36	72	64	66	68	40	38	31	29	21	26	27	20	23	24	22	48	27	27	39	37
MEAN	31	31	31	32	32	33	34	34	34	32	31	30	30	29	30	30	30	32	31	30	32	31	30	32	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	20	29	51
FEB	27	19	29	84
MAR	28	16	25	67
APR	26	18	25	103
MAY	28	18	24	42
JUN	29	20	31	68
JUL	23	20	26	72
AUG	25	31	42	69
SEP	3	26	27	33
OCT	28	33	55	74
NOV	30	41	59	116
DEC	28	31	45	72
YEAR	302	25	59	116

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	336	227	19	0	0	0	0	582
FEB	0	382	199	17	1	0	0	0	599
MAR	26	529	81	4	1	0	0	0	641
APR	0	414	98	19	1	1	0	0	533
MAY	0	479	140	20	0	0	0	0	639
JUN	29	280	278	54	1	0	0	0	642
JUL	6	262	165	9	1	0	0	0	443
AUG	0	38	248	241	3	0	0	0	530
SEP	0	0	32	8	0	0	0	0	40
OCT	0	56	264	239	27	0	0	0	586
NOV	0	4	65	575	41	2	0	0	687
DEC	2	43	259	291	6	0	0	0	601
YEAR	63	2823	2056	1496	82	3	0	0	6523

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	3	13.7	16.8	20.2	27.0	39.2	46.3	56.4	61.9	116	24.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION															
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033												MONTH JAN 74															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	16	16	15	13	13	13	13	13	13	13	12	11	11	11	11	11	12	11	12	12	12	12	13	13	13		
2	13	13	13	13	13	13	14	16	19	19	16	15	14	14	15	14	15	14	14	14	14	14	14	14	14		
3	14	15	16	15	13	13	15	19	22	22	19	18	17	17	18	19	20	19	18	22	19	17	17	16	18		
4	15	15	14	14	14	14	15	17	19	17	15	14	14	14	14	15	16	17	17	16	15	14	14	14	15		
5	14	14	15	15	15	15	16	17	17	16	15	14	14	13	13	13	13	15	15	15	15	16	16	17	15		
6	18	18	17	17	16	16	16	15	15	15	15	15	13	13	13	13	13	13	14	14	13	14	15	14	15		
7	14	14	14	14	14	15	15	15	14	13	13	14	14	14	14	13	15	15	13	13	13	13	13	13	14		
8	13	13	13	13	13	13	15	18	23	20	18	17	16	17	17	17	19	21	18	17	16	15	13	13	16		
9	12	11	11	11	11	11	13	15	15	15	15	13	14	15	16	17	21	22	20	17	17	18	17	16	15		
10	16	15	14	13	13	13	13	16	18	19	19	18	18	19	19	19	18	20	19	17	16	15	14	14	16		
11	14	13	13	12	12	12	12	15	18	17	16	15	14	15	14	14	15	19	19	19	19	27	27	24	16		
12	19	19	18	17	15	15	15	14	14	14	15	14	13	13	13	14	17	21	24	21	15	13	13	13	16		
13	13	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	17	19	17	17	17	19	14		
14	19	29	28	21	20	16	14	15	21	22	19	17	17	15	14	14	14	13	13	13	13	13	13	13	17		
15	13	13	13	13	13	13	15	16	18	16	15	14	14	14	14	14	14	13	13	13	13	13	13	13	17		
16	- DATA MISSING -																	17	17	19	17	16	15	15	13	18	
17	- DATA MISSING -																	21	22	22	22	17	16	15	15	13	18
18	13	14	14	14	14	14	15	18	23	22	20	20	- DATA MISSING -				22	17	19	17	16	15	15	13	18		
19	- DATA MISSING -																										
20	- DATA MISSING -																										
21	- DATA MISSING -																										
22	13	13	13	14	14	14	15	17	19	16	15	15	15	15	15	17	19	17	15	16	15	15	15	15	15		
23	14	14	15	17	17	18	19	21	22	19	18	17	18	17	16	17	17	17	17	17	15	17	17	17	17		
24	16	15	15	15	15	15	16	20	21	18	18	18	17	17	16	17	17	17	17	16	17	17	17	16	17		
25	15	15	15	16	16	17	18	22	23	19	19	19	17	17	17	17	19	18	19	21	18	17	17	18	17		
26	19	17	16	17	19	21	22	24	21	20	19	19	18	19	20	20	17	18	17	17	15	15	15	18	17		
27	17	14	13	12	12	12	12	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	13	13		
28	15	14	14	14	14	14	16	20	23	19	18	16	14	17	18	19	17	16	15	17	19	18	18	19	17		
29	17	15	15	16	15	15	18	19	19	17	16	16	16	16	17	18	20	18	16	15	15	16	16	17	17		
30	15	17	16	16	15	16	17	18	17	18	20	19	17	17	18	19	20	21	22	23	23	19	16	17	18		
31	17	16	17	18	17	16	17	17	19	15	15	16	13	13	13	13	14	14	14	14	14	14	14	14	15		
MEAN	15	15	15	15	14	15	15	17	18	17	16	16	16	16	16	16	17	17	17	17	16	16	16	15	16		
PERCENTAGE OF DATA VALID -												83															

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS												UNITS - 0.1 PARTS/MILLION													
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033												MONTH FEB 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	14	14	14	14	15	16	16	15	14	15	14	14	16	15	15	19	19	17	15	15	15	14	15
2	14	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15	15	15	14	14	14	14	14	14	14
3	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	14
4	15	14	13	13	13	13	15	18	17	16	16	15	14	14	19	17	17	17	16	16	16	16	16	15	16
5	15	15	14	15	15	15	17	20	19	17	16	15	20	25	23	17	17	16	17	17	17	19	17	17	17
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7	18	17	17	17	17	17	19	19	19	20	19	19	19	20	20	19	19	21	21	19	22	22	22	22	19
8	20	19	19	20	21	20	22	29	35	34	31	28	24	22	22	23	24	23	23	24	23	22	24	20	24
9	23	22	19	19	19	19	18	19	23	20	19	18	19	18	18	19	19	19	21	20	19	18	18	20	19
10	20	19	20	19	18	17	17	17	19	19	18	17	16	17	16	16	15	15	16	17	17	17	17	17	17
11	16	16	15	15	15	16	17	19	23	20	18	17	17	18	17	17	17	17	19	18	17	17	17	17	17
12	18	18	18	21	19	18	19	20	23	21	19	19	19	20	20	18	19	19	18	19	18	19	19	20	19
13	22	25	26	26	24	24	22	26	28	24	23	22	21	21	21	22	21	19	17	17	16	16	15	15	21
14	15	15	15	14	14	15	16	17	20	19	18	17	17	17	18	18	18	18	18	18	18	18	19	18	17
15	17	17	17	18	17	18	21	26	25	24	22	26	22	21	19	19	19	19	19	20	22	21	17	18	20
16	16	15	15	15	17	17	17	17	16	14	14	15	17	17	17	17	17	17	17	16	16	15	15	17	16
17	15	15	16	16	15	14	15	14	15	14	14	14	14	14	15	15	15	15	15	16	16	16	15	15	15
18	15	15	15	15	16	17	19	23	22	20	19	17	17	16	16	17	19	18	17	17	15	16	16	17	17
19	16	16	17	19	17	15	16	19	22	21	21	23	24	24	24	21	21	21	22	21	22	26	23	24	20
20	23	21	17	15	15	15	15	18	21	19	17	17	17	16	22	17	18	19	18	19	18	19	21	21	18
21	21	20	32	30	31	33	34	32	35	25	23	25	23	22	22	24	25	23	22	19	17	16	16	16	24
22	16	15	15	16	16	15	16	18	18	18	17	22	24	23	20	16	17	17	15	15	14	13	13	13	17
23	13	13	13	13	13	13	13	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	16	16	14
24	16	16	15	15	15	14	15	15	15	15	15	14	15	15	15	15	15	16	16	16	16	16	15	15	15
25	15	15	15	14	15	15	15	17	17	17	15	15	15	15	15	15	15	16	17	16	15	15	16	18	16
26	17	17	17	19	17	16	17	18	19	17	16	16	15	15	17	17	17	17	18	19	19	17	16	16	17
27	17	17	17	17	18	17	18	17	17	16	15	15	15	16	16	17	17	18	20	24	24	24	21	19	18
28	20	21	19	19	19	21	22	25	25	22	18	17	17	18	19	20	37	30	24	26	25	22	23	21	22
MEAN	17	17	17	17	17	17	18	19	20	19	18	18	18	18	18	18	19	18	18	18	18	17	17	18	18
PERCENTAGE OF DATA VALID -					99																				

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	18	19	20	18	18	18	20	20	19	19	18	19	19	19	19	19	19	18	18	18	19	19	18	19
2	17	16	15	15	17	17	16	17	16	18	17	17	18	17	18	18	18	18	19	20	21	19	17	16	17
3	15	15	16	15	15	15	15	15	16	16	17	17	19	20	22	22	21	22	20	16	14	14	15	15	17
4	16	17	16	16	16	17	18	22	24	25	25	30	26	25	26	21	23	24	22	19	22	19	18	19	21
5	21	20	17	14	13	14	16	17	17	16	16	15	15	15	17	17	17	18	24	25	21	19	17	16	17
6	17	19	16	16	16	19	24	22	20	21	19	20	19	19	19	20	22	20	20	20	24	28	22	25	20
7	26	22	19	18	17	21	24	25	22	20	19	19	19	19	18	19	18	18	18	19	19	21	24	24	20
8	20	18	17	16	16	16	17	17	18	16	15	15	15	15	16	17	17	17	16	15	15	14	14	14	16
9	14	14	14	14	14	14	14	14	14	14	15	15	16	16	16	17	18	17	17	17	18	18	17	19	16
10	18	16	16	16	17	16	16	16	16	15	15	14	15	15	16	16	16	16	16	17	17	17	17	17	16
11	17	19	19	19	20	22	24	26	25	19	22	19	17	17	17	18	18	20	20	20	18	18	17	16	19
12	16	15	14	14	14	14	15	16	24	19	16	22	14	20	39	23	19	17	16	16	16	16	16	15	18
13	15	16	15	15	15	15	16	16	18	15	15	15	16	16	16	16	17	17	16	16	15	15	16	16	16
14	16	16	16	17	16	16	17	16	18	17	16	16	17	17	16	17	16	15	15	17	17	17	18	15	16
15	20	19	19	20	22	19	17	23	28	21	19	18	17	17	16	15	16	14	16	16	18	17	15	15	18
16	15	14	14	13	13	14	15	15	15	17	17	15	17	16	16	16	15	15	15	15	15	14	14	15	15
17	14	14	14	14	14	13	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14
18	14	14	14	14	14	14	15	17	17	17	15	15	15	15	15	15	14	15	14	14	14	14	15	17	15
19	16	17	16	15	14	15	15	15	15	15	14	14	14	14	13	13	14	14	14	14	14	13	13	14	14
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21	13	13	13	13	14	14	14	15	17	17	17	15	14	14	15	15	15	15	15	15	15	15	16	15	15
22	14	14	14	14	14	14	16	17	16	15	19	15	14	14	14	14	15	15	15	15	15	15	16	16	15
23	15	15	15	14	13	13	14	15	15	15	15	14	13	13	13	13	13	13	13	13	14	13	13	13	14
24	13	13	13	13	13	12	12	13	13	13	13	13	13	13	12	12	13	13	13	13	13	13	13	13	13
25	13	13	13	13	13	13	14	16	17	15	14	14	14	14	14	16	14	14	15	16	16	17	16	15	15
26	15	17	17	14	14	15	15	15	15	14	14	16	16	14	13	13	13	13	13	13	14	14	14	14	14
27	14	14	14	15	14	14	15	15	19	30	36	39	19	21	17	36	17	16	16	16	17	17	17	18	19
28	19	19	17	17	15	14	13	14	15	15	14	16	36	48	22	19	19	17	16	15	14	13	13	13	18
29	13	13	12	12	12	13	14	14	14	13	14	13	13	13	14	14	15	14	14	13	13	13	13	13	13
30	13	13	12	11	11	11	11	11	11	11	12	12	13	13	13	13	13	13	13	13	13	13	13	13	12
31	13	13	14	13	13	13	13	13	13	14	14	13	13	13	13	13	13	13	14	13	13	13	13	13	13
MEAN	16	16	15	15	15	15	16	17	17	16	17	17	17	17	17	16	17	16	16	16	16	16	16	16	16

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	13	13	13	13	13	13	13	15	15	14	15	15	15	16	17	19	18	14	13	13	13	13	12	12	14	
2	13	12	12	11	11	12	15	17	18	15	14	14	13	13	13	14	15	14	14	14	13	15	15	14	14	
3	14	16	17	17	17	18	28	31	28	19	21	19	19	20	22	23	22	20	17	18	25	24	21	22	21	
4	19	19	15	13	13	13	14	15	17	16	17	17	19	19	18	18	19	19	18	18	17	17	17	16	17	
5	16	15	15	14	13	13	14	15	15	14	14	14	15	14	14	14	15	15	14	13	13	12	12	12	14	
6	12	12	12	11	11	11	11	11	11	11	11	12	12	13	13	13	13	13	14	14	13	13	13	15	12	
7	14	12	13	12	13	13	12	12	12	12	12	12	13	13	13	13	12	12	12	12	12	12	12	12	12	
8	13	12	12	12	12	12	13	14	14	13	13	13	13	13	13	22	15	15	14	14	14	14	14	15	14	
9	14	13	13	13	13	13	14	16	16	15	15	16	17	15	15	15	15	14	14	15	17	25	27	19	16	
10	14	14	13	13	13	14	15	16	15	15	14	15	15	16	17	17	17	17	19	22	26	23	20	17	17	
11	22	22	18	17	17	17	17	18	19	18	18	18	19	19	18	18	19	17	18	17	18	20	25	26	19	
12	30	28	22	17	16	15	16	15	14	15	15	15	15	16	16	17	15	15	15	13	14	15	16	17	17	
13	18	19	16	15	14	14	14	14	15	15	16	16	14	13	14	13	13	13	13	14	16	19	22	22	16	
14	22	23	25	20	18	17	16	15	15	16	16	15	15	15	15	14	13	13	14	14	14	13	14	13	16	
15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	15	14	13	14	14	14	14	14	13	
16	14	13	13	14	14	14	15	16	16	15	14	13	15	15	14	14	15	15	14	17	19	17	16	17	15	
17	17	17	17	16	15	17	17	17	17	16	15	15	15	14	14	14	14	15	15	19	26	22	18	18	17	
18	17	16	16	15	16	16	17	19	17	16	15	15	14	15	15	15	15	16	15	16	16	16	16	15	16	
19	15	15	14	15	15	14	14	16	17	15	14	14	17	16	15	15	16	16	15	17	19	19	22	30	16	
20	29	27	28	28	26	27	32	24	19	19	18	16	15	15	14	14	15	15	14	15	15	18	25	30	21	
21	34	30	27	27	26	32	34	33	28	17	17	16	16	15	15	15	16	15	14	14	14	14	15	15	21	
22	14	14	15	15	15	15	15	16	16	15	17	18	19	21	32	30	22	24	24	21	22	17	15	15	19	
23	15	15	15	14	14	14	14	15	15	15	15	14	15	15	15	15	15	14	14	14	14	13	13	13	14	
24	14	14	14	14	14	14	14	15	15	14	15	14	13	13	13	13	13	13	13	13	14	15	19	17	14	
25	19	17	17	20	16	18	18	19	19	16	15	13	26	17	13	14	15	15	14	15	16	15	15	16	17	
26	24	22	19	19	17	17	17	19	18	19	17	15	15	15	14	15	16	16	17	28	31	23	22	22	19	
27	22	22	23	24	26	26	27	27	21	19	19	18	17	16	15	15	15	15	15	15	15	15	19	22	20	
28	23	24	22	18	18	17	17	19	18	15	15	14	15	15	18	19	17	16	15	15	15	15	17	17	17	
29	18	18	16	17	17	17	19	21	20	18	21	22	17	17	17	17	17	17	17	16	17	18	20	19	18	
30	17	17	18	19	23	28	34	30	28	22	19	18	18	17	18	19	19	19	19	20	19	18	17	16	14	20
MEAN	18	17	17	16	16	16	18	18	17	16	16	15	16	16	16	16	16	16	15	16	17	17	17	18	18	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	14	14	14	15	15	16	16	15	14	****	16	16	16	16	16	16	17	17	17	18	19	19	19	16
2	19	21	24	23	22	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	20	18
3	22	24	24	22	24	26	30	33	28	26	24	23	21	21	21	19	17	17	19	17	17	17	17	16	22
4	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	20	24	26	32	18
5	31	28	28	30	35	30	27	22	19	16	16	16	17	17	17	17	17	17	17	17	15	15	15	15	21
6	15	16	17	17	16	16	18	18	17	17	18	17	16	16	16	16	16	16	15	15	15	15	15	15	16
7	15	15	15	15	15	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	19	21	22	17	
8	22	24	23	20	22	26	29	29	22	18	18	18	****	****	16	17	17	17	17	17	17	17	17	17	20
9	17	16	16	16	16	17	22	25	16	16	15	17	21	25	26	24	22	23	22	21	21	21	20	19	20
10	19	19	17	17	17	17	17	17	16	16	16	16	17	19	17	16	16	16	16	16	17	17	18	20	17
11	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	14	17	15	14	15
12	14	14	14	14	14	14	14	14	14	14	15	17	18	16	16	18	15	14	14	14	14	14	14	14	15
13	12	12	12	12	12	12	12	15	15	14	14	14	****	****	****	18	16	16	16	16	16	17	17	18	18
14	16	16	16	16	16	16	19	18	17	17	17	17	18	18	18	18	17	16	16	18	22	28	17	17	18
15	18	18	19	19	17	17	17	17	18	18	18	16	15	15	15	15	15	15	15	15	15	15	16	17	16
16	18	18	18	18	18	21	23	17	17	17	17	17	17	17	22	25	25	19	16	16	16	16	16	16	18
17	16	16	16	16	17	18	26	36	38	32	26	19	17	17	17	17	17	17	16	17	18	19	19	17	20
18	17	17	17	17	17	17	17	17	17	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	16
19	15	15	15	15	15	15	15	15	15	15	15	13	14	14	14	14	14	14	14	14	14	14	17	17	15
20	17	14	14	15	17	17	15	13	11	10	15	15	14	14	14	14	14	14	14	16	19	19	17	17	15
21	20	23	24	21	21	22	20	21	19	17	17	17	17	17	17	17	17	17	17	17	18	25	24	26	20
22	20	18	18	20	28	26	30	35	37	32	25	23	18	21	21	22	19	17	17	20	20	17	16	17	22
23	17	16	16	16	16	16	18	19	19	18	18	17	****	****	****	18	18	17	16	16	16	18	19	18	17
24	19	21	20	18	18	19	19	19	19	18	17	17	17	17	18	18	18	17	17	17	17	17	17	17	18
25	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
26	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
27	16	16	17	17	17	18	21	22	20	17	17	17	17	17	19	19	19	19	19	20	23	22	19	20	19
28	21	23	24	22	19	19	22	24	21	19	18	17	17	18	19	17	17	18	21	20	17	17	19	20	20
29	19	18	17	17	17	18	21	25	28	28	27	26	22	22	20	22	23	23	23	23	20	22	25	22	22
30	21	21	20	20	20	20	22	23	21	20	20	19	18	****	20	21	21	18	19	19	19	19	19	22	20
31	23	22	21	21	21	21	22	23	22	22	21	21	22	21	21	19	19	19	19	19	17	17	17	18	20
MEAN	18	18	18	18	18	18	20	20	19	18	18	17	17	17	18	18	17	17	17	17	17	18	18	18	18

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	20	19	19	19	19	19	18	17	17	16	16	16	16	16	16	16	16	17	18	22	25	28	29	19
2	31	31	27	23	23	22	19	18	17	17	17	17	16	16	16	16	16	16	16	17	20	23	22	22	20
3	32	26	23	22	22	23	25	25	23	23	22	19	18	18	20	19	18	18	18	18	18	22	22	21	21
4	20	22	24	24	28	35	34	29	28	25	24	21	21	23	23	23	21	21	21	22	22	24	26	27	25
5	26	26	29	33	28	25	25	25	25	25	25	23	23	23	23	23	22	23	22	22	22	25	26	28	25
6	28	25	23	25	26	26	27	25	22	22	22	****	20	18	19	20	21	22	23	23	19	17	16	17	22
7	18	18	17	18	18	18	20	21	18	18	18	19	19	19	19	19	19	17	18	23	21	20	20	19	19
8	19	19	19	16	17	17	17	16	16	16	16	16	16	16	16	16	16	17	17	16	16	17	18	19	17
9	22	26	23	19	17	18	18	17	17	17	17	17	17	17	16	16	16	18	19	21	20	21	20	18	19
10	17	16	16	16	16	18	18	19	18	18	18	18	20	34	18	19	18	18	18	17	16	15	15	14	18
11	14	14	14	14	14	14	15	15	15	15	15	15	37	35	27	25	23	22	22	22	21	20	24	27	20
12	22	19	18	18	17	19	19	18	18	17	17	16	17	16	17	17	16	17	18	19	18	18	17	17	18
13	18	23	37	20	20	20	20	19	17	****	26	18	18	18	18	19	19	20	19	19	19	19	20	22	20
14	20	18	22	31	33	31	30	26	23	24	23	20	21	19	18	18	20	19	17	17	18	20	22	20	22
15	20	23	19	17	17	17	17	21	23	22	20	18	17	17	16	17	17	16	14	13	14	14	15	17	18
16	21	18	15	14	14	16	18	15	15	14	14	14	14	15	14	14	14	14	14	14	14	15	17	17	15
17	18	18	17	16	15	16	16	15	15	16	16	16	16	15	16	17	14	15	16	16	15	15	15	14	16
18	14	14	14	14	16	17	18	19	17	17	17	17	17	17	19	20	19	20	21	21	20	19	17	18	18
19	25	23	21	21	19	20	22	25	23	23	22	20	20	20	21	21	24	34	30	25	21	23	25	24	23
20	23	24	24	20	22	26	34	41	39	35	28	22	20	20	22	21	19	18	18	22	27	31	39	28	26
21	35	30	25	24	28	32	33	27	22	23	22	22	****	****	****	****	****	****	****	****	****	****	****	****	****
22													DATA MISSING -												
23													DATA MISSING -												
24													DATA MISSING -												
25													DATA MISSING -												
26													DATA MISSING -												
27													DATA MISSING -												
28													DATA MISSING -												
29													DATA MISSING -												
30													DATA MISSING -												
MEAN	22	22	21	20	20	21	22	22	20	20	20	18	19	20	19	19	18	19	19	19	19	20	21	21	20

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	31	31	30	34	37	35	34	34	28	26	24	23	24	22	38	25	22	21	21	23	24	25	26	27	
18	24	28	28	24	21	19	20	24	26	24	22	22	22	22	23	23	22	20	19	19	19	21	24	24	26
19	22	19	18	16	19	19	20	19	18	18	18	18	18	18	18	19	18	18	18	17	17	17	17	18	
20	16	16	16	16	16	16	16	17	16	15	15	15	15	15	15	14	14	14	14	15	15	16	16	15	15
21	15	15	16	16	16	16	16	15	15	15	15	14	15	14	15	14	14	14	15	15	15	17	18	21	15
22	21	20	22	23	25	29	32	28	22	18	17	18	19	19	18	18	18	17	17	17	18	17	17	18	20
23	18	17	17	17	16	17	18	21	21	21	23	23	23	21	20	19	18	18	18	18	19	20	23	25	20
24	23	21	19	17	16	16	18	19	18	17	18	18	20	20	20	20	19	19	19	19	21	23	22	19	
25	21	20	20	19	19	19	21	23	22	21	20	18	18	19	34	43	44	41	38	36	35	34	31	31	27
26	30	30	30	28	28	28	30	32	31	30	30	29	28	26	46	46	39	39	37	35	36	37	36	37	33
27	39	36	35	41	36	34	32	31	29	28	27	27	27	25	25	24	23	23	23	24	24	25	27	29	
28	28	27	27	25	23	24	24	24	23	23	21	21	21	21	20	20	20	20	21	22	21	22	20	19	22
29	20	21	21	23	25	22	22	22	20	19	21	20	18	23	23	20	18	17	19	19	19	22	26	25	21
30	22	20	19	18	18	19	22	23	21	20	18	17	20	22	21	20	22	20	22	23	23	21	20	20	
31	18	18	17	18	19	19	21	21	19	18	18	19	19	20	28	21	20	20	20	20	21	23	24	25	20
MEAN	23	23	22	22	22	22	23	24	22	21	20	20	20	21	24	23	22	21	21	22	22	23	23	24	22

PERCENTAGE OF DATA VALID - 49

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	24	22	20	20	22	23	24	23	21	20	19	20	20	20	20	19	19	19	19	21	21	21	21
2	22	21	21	22	24	28	29	30	29	27	24	21	21	26	26	26	41	42	43	43	45	46	48	47	32
3	44	41	39	37	35	37	37	33	32	32	30	28	27	26	26	26	24	24	24	25	27	28	25	25	31
4	25	26	27	26	25	23	21	22	23	22	22	22	22	22	22	21	21	20	20	20	20	21	21	21	22
5	20	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	23	24	20
6	24	25	23	22	22	25	26	26	27	25	22	21	19	19	19	19	18	18	19	23	22	20	20	22	
7	21	21	21	27	30	27	30	33	32	26	50	59	27	42	28	27	25	24	24	24	21	21	25	25	28
8	46	44	36	35	31	29	30	32	34	32	30	27	25	25	24	23	22	22	21	21	21	18	18	21	
9	23	21	21	21	22	25	29	29	23	20	19	19	20	21	20	19	18	18	17	17	17	18	18	18	
10	19	19	19	19	19	19	19	19	18	17	16	16	16	16	16	16	16	16	16	17	17	19	19	18	18
11	18	18	17	17	16	16	16	16	16	16	16	16	17	17	18	18	17	17	17	17	17	17	16	16	17
12	15	15	15	15	15	16	17	18	17	16	17	17	18	18	20	20	19	18	21	22	23	24	22	20	18
13	22	22	21	25	29	30	31	31	25	23	24	22	20	20	20	20	19	19	19	19	18	17	16	15	22
14	16	16	16	16	18	19	20	20	19	18	18	18	19	18	18	18	18	17	17	17	18	17	18	21	18
15	19	19	18	18	18	22	26	27	24	20	18	18	19	20	20	20	20	19	18	21	22	20	19	17	20
16	18	20	23	29	33	38	45	37	26	22	21	20	20	20	21	22	21	21	19	18	20	21	22	21	24
17	21	21	20	19	20	19	20	21	20	19	19	18	18	18	17	16	17	16	16	16	16	16	16	17	18
18	17	18	17	16	16	16	17	17	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	16
19	17	17	17	18	19	20	22	22	21	20	19	20	21	19	19	19	18	18	18	20	24	24	21	19	20
20	19	20	18	18	22	26	30	32	28	24	24	22	22	22	22	23	21	19	19	18	18	19	19	19	22
21	21	24	23	23	28	41	41	37	33	27	24	23	21	21	21	21	20	18	17	18	17	17	17	17	24
22	19	24	26	30	37	37	32	23	21	20	19	17	18	18	18	18	18	17	17	17	18	18	18	18	22
23	17	18	18	19	19	21	25	25	24	21	20	20	18	19	19	19	18	20	18	17	17	16	15	14	19
24	14	14	14	13	13	13	14	13	13	13	14	14	13	13	13	14	14	14	14	15	16	17	17	17	14
25	15	15	15	15	15	15	15	15	13	11	11	12	12	12	12	13	12	12	12	12	12	12	12	12	13
26	13	13	16	22	24	28	30	31	27	18	16	16	18	18	17	17	16	17	19	19	17	16	15	15	19
27	16	15	15	14	14	15	15	16	16	15	15	15	25	20	14	15	14	14	14	13	14	15	16	14	15
28	14	14	14	15	16	19	19	18	16	15	19	16	17	17	17	16	16	15	15	15	17	18	17	18	16
29	19	19	19	19	19	20	24	25	20	15	13	13	14	14	14	15	14	12	12	12	14	17	19	19	17
30	18	18	17	15	15	16	17	19	18	18	17	15	15	15	15	14	13	13	13	15	18	21	15	16	
31	13	13	15	15	13	13	15	14	15	17	16	14	13	12	12	12	12	13	13	13	13	13	15	15	14
MEAN	20	21	20	21	22	23	24	24	22	20	20	20	19	19	19	19	19	18	18	18	19	20	20	20	20

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	15	17	17	18	18	15	14	13	12	12	12	12	12	11	11	12	12	13	12	13	13	14	14
2	13	13	13	12	12	12	12	13	13	13	14	13	13	13	13	13	14	14	13	13	12	13	13	12	13
3	12	12	12	12	13	14	18	22	20	18	17	16	16	16	16	43	58	40	35	28	27	25	23	20	23
4	18	20	19	17	17	17	18	20	19	18	19	26	26	21	20	23	22	21	21	24	52	34	22	20	22
5	18	17	17	16	17	18	21	22	24	19	18	19	19	19	19	17	17	18	18	19	21	28	32	42	21
6	41	42	30	30	28	27	32	32	32	17	17	17	17	17	16	17	17	16	17	17	18	21	23	25	23
7	27	26	25	21	20	18	22	23	22	19	15	15	15	15	15	15	14	14	14	15	16	16	19	24	19
8	26	31	32	31	28	19	20	18	16	15	16	16	15	15	15	15	15	15	16	15	16	15	15	15	19
9	14	15	15	17	19	19	21	24	21	18	17	17	17	17	18	19	19	18	17	17	18	17	18	20	18
10	19	23	20	20	25	22	23	29	28	19	19	20	22	21	19	19	19	19	22	22	19	15	16	15	21
11	15	16	19	17	16	18	20	22	19	17	18	17	16	16	16	17	18	18	19	21	22	24	20	22	18
12	18	18	17	17	18	17	18	18	17	17	17	19	22	20	17	17	18	18	20	24	22	22	24	20	19
13	20	18	18	18	20	20	18	22	18	17	17	16	17	17	17	22	22	21	20	21	20	19	20	19	19
14	19	18	18	18	19	19	20	18	17	17	17	17	17	16	16	17	16	16	16	17	18	18	19	18	18
15	18	20	17	16	16	16	15	15	15	14	15	15	14	14	15	16	15	15	16	17	21	21	21	20	17
16	17	16	15	15	17	20	20	22	21	16	15	16	16	16	16	16	15	16	16	19	19	17	18	18	17
17	20	20	29	30	30	41	38	33	26	18	17	16	16	16	18	17	17	19	18	17	16	14	13	22	22
18	13	13	14	13	14	17	22	21	18	17	17	17	17	15	14	15	14	15	16	19	20	21	22	25	17
19	26	29	42	57	45	43	47	39	27	20	18	17	17	19	16	16	14	13	15	12	12	13	14	18	25
20	25	28	19	13	12	15	16	18	17	16	16	16	16	17	18	18	18	17	17	17	15	16	15	16	17
21	16	16	16	16	17	17	21	22	24	25	27	19	17	14	14	14	14	15	17	18	18	19	18	16	18
22	16	16	16	15	16	16	15	14	14	15	15	15	14	15	15	15	15	16	16	16	16	17	19	22	16
23	19	20	23	18	23	25	31	26	21	16	17	17	17	17	17	17	18	19	21	26	28	37	37	22	22
24	42	55	50	40	39	46	57	46	25	23	22	20	18	18	18	19	21	19	18	18	20	27	26	23	19
25	19	18	18	18	17	18	21	23	23	21	19	18	18	17	17	19	19	18	18	18	19	19	21	20	19
26	18	20	20	21	21	25	38	37	26	23	19	18	17	17	18	20	20	18	23	23	22	23	18	17	22
27	19	17	16	16	18	23	29	29	23	21	20	20	20	18	18	19	20	32	44	21	20	21	19	18	22
28	19	26	18	18	18	17	18	18	20	22	22	20	17	17	16	17	18	19	18	16	19	17	17	16	18
29	16	16	21	17	16	17	16	15	15	15	15	14	14	13	14	14	14	14	15	14	14	15	16	15	15
30	15	15	15	14	17	19	24	17	16	16	16	15	17	16	16	17	18	18	17	18	20	18	19	19	17
MEAN	20	21	21	20	20	21	24	23	20	18	17	17	17	16	16	18	18	18	19	19	20	20	20	20	19

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	36	22	26	24	29	24	21	18	17	18	19	19	22	21	18	18	18	19	18	16	17	17	21
2	17	17	16	16	16	17	18	18	17	17	18	17	18	17	17	17	16	16	17	16	16	16	15	15	17
3	17	15	15	16	16	18	21	20	18	18	17	17	16	17	17	17	16	17	19	22	20	24	36	37	19
4	35	37	36	30	37	29	27	25	25	22	21	19	19	18	19	19	18	17	18	19	20	19	19	19	24
5	19	20	21	18	18	23	27	22	19	18	17	17	17	18	18	16	16	16	17	16	16	17	17	19	18
6	18	18	18	18	18	20	21	19	20	20	17	16	16	16	16	16	17	18	19	19	18	16	15	14	18
7	14	14	14	14	14	15	18	17	16	16	16	16	16	16	16	17	16	16	17	17	16	16	18	18	16
8	18	16	19	18	20	27	32	35	29	20	19	15	16	16	19	23	18	16	16	17	16	16	17	17	20
9	17	18	18	19	19	21	19	23	22	21	21	19	19	20	20	21	26	32	21	21	19	18	21	20	21
10	19	18	18	18	18	22	25	21	18	18	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18
11	34	32	26	27	25	24	31	28	29	24	20	20	21	18	17	17	16	15	15	15	15	15	16	17	22
12	19	19	19	17	16	16	17	16	16	15	14	14	14	14	14	15	14	14	14	14	14	14	14	14	15
13	14	14	15	17	15	14	15	15	16	16	17	16	16	16	16	16	16	16	16	15	15	15	15	15	15
14	14	14	14	14	14	15	17	18	16	15	15	15	15	15	15	16	16	16	19	25	21	19	19	19	17
15	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
16	17	15	16	15	15	16	17	18	17	18	17	16	16	16	17	14	14	13	13	12	13	13	14	15	15
17	14	13	13	13	14	17	21	17	15	15	15	15	16	17	16	17	17	18	19	18	18	18	18	17	16
18	19	16	16	17	18	19	19	18	17	16	16	16	16	16	16	16	16	18	18	18	17	16	16	16	17
19	16	16	15	15	16	16	16	17	16	16	16	17	16	16	16	16	16	16	17	19	20	18	20	17	17
20	18	19	20	23	19	22	25	23	19	17	17	17	18	18	20	21	20	23	25	18	17	17	21	21	20
21	19	19	16	15	14	15	15	17	15	17	17	19	19	20	21	22	22	20	20	21	21	21	26	25	19
22	21	20	21	21	18	19	23	25	20	20	17	14	14	16	16	18	19	19	17	16	18	19	19	19	19
23	17	21	21	39	50	37	47	54	34	20	16	15	16	18	18	20	21	22	19	21	25	29	27	24	26
24	19	19	19	19	19	19	19	19	22	22	20	18	18	18	18	18	18	18	18	18	18	18	18	18	18
25	19	19	19	19	19	19	19	19	22	22	23	23	18	17	16	16	16	16	16	16	16	16	16	16	16
26	16	18	49	47	49	36	46	51	30	25	18	16	18	23	20	21	21	26	28	38	47	51	46	32	32
27	70	68	53	60	69	59	71	62	43	34	26	25	24	24	30	26	30	26	29	37	41	44	33	33	42
28	30	26	26	24	23	26	27	25	24	24	27	36	30	28	29	32	34	31	26	29	23	22	19	21	27
29	29	27	19	19	26	34	34	39	40	38	25	23	23	25	25	23	29	27	27	24	30	29	23	23	28
MEAN	21	21	22	22	23	23	26	25	22	20	18	18	18	18	19	19	19	19	19	20	20	20	20	21	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	18	17	18	18	18	19	23	21	20	19	23	22	21	21	20	24	26	28	19	17	17	17	17	20
2	16	15	16	17	17	16	17	16	16	16	16	16	16	16	15	15	15	15	15	15	15	14	14	14	16
3	14	14	14	14	14	14	14	15	16	15	15	15	15	15	15	15	16	16	17	19	20	23	17	15	16
4	14	14	13	13	14	14	15	19	22	19	17	18	17	18	19	23	24	33	22	24	19	20	19	19	19
5	19	19	19	19	18	18	18	19	19	18	19	19	18	19	19	20	21	21	21	22	20	23	23	22	20
6	23	20	19	21	19	17	19	21	21	20	19	19	18	19	19	19	20	20	20	21	17	19	18	19	19
7	20	16	18	19	18	19	20	21	23	19	18	18	18	19	18	18	18	18	17	16	22	24	27	27	20
8	26	30	43	39	68	69	51	53	50	29	23	21	25	23	21	20	27	36	45	68	56	33	28	29	38
9	23	26	23	18	16	15	17	17	19	19	16	14	14	14	14	14	14	14	13	14	14	14	13	13	16
10	13	13	13	13	13	13	13	12	12	12	13	12	14	13	13	13	13	12	13	13	13	12	12	12	13
11	13	13	13	13	13	14	15	17	21	17	16	16	16	17	24	22	21	22	26	26	17	14	13	15	17
12	13	13	13	13	17	14	15	17	25	23	23	23	22	20	21	21	22	20	18	17	16	17	18	18	18
13	16	17	17	17	16	17	18	22	21	20	19	17	16	17	16	17	20	18	16	16	17	17	16	15	17
14	15	14	13	13	13	14	14	14	15	14	14	14	15	15	17	17	18	18	18	18	17	17	17	17	15
15	16	16	15	15	15	15	16	18	21	16	16	16	16	17	16	17	18	17	16	16	15	15	16	16	16
16	29	15	17	15	15	15	16	17	17	17	17	17	17	17	19	18	21	23	23	21	21	21	18	18	19
17	17	17	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	18	18	18	18	20	19	19	17
18	17	17	17	17	17	17	21	26	24	18	17	18	18	18	18	19	21	19	25	31	21	20	20	21	20
19	20	17	16	16	16	17	21	25	25	24	21	22	22	21	24	27	27	21	19	19	19	21	22	22	21
20	20	18	17	18	21	22	26	31	40	37	26	26	23	29	36	29	23	20	17	16	15	14	13	13	23
21	12	12	12	13	13	13	14	16	15	14	14	14	14	13	15	15	15	14	14	14	13	13	13	14	14
22	13	14	13	13	13	13	15	19	17	16	15	15	16	15	15	16	19	19	20	21	20	24	24	25	17
23	24	25	25	26	27	23	24	22	16	16	16	16	16	17	17	18	17	19	19	18	17	18	17	18	20
24	17	17	16	17	17	18	17	17	16	15	15	16	16	15	16	16	15	14	14	14	14	14	14	13	16
25	13	13	13	12	13	13	14	15	15	15	15	15	15	15	15	15	15	17	16	16	17	17	17	16	15
26	16	16	16	16	17	16	17	19	18	17	16	18	16	16	17	18	20	19	19	19	20	22	25	24	18
27	24	23	24	35	27	24	29	36	23	20	18	18	17	16	16	17	16	16	17	16	15	16	18	20	21
28	19	21	18	17	16	16	18	21	22	23	24	23	22	21	19	19	22	20	18	18	17	18	18	19	20
29	18	17	19	16	16	17	19	22	23	19	19	18	18	17	17	18	20	20	19	20	23	22	20	19	19
30	18	17	16	15	15	15	17	18	19	18	18	18	18	18	17	18	18	17	15	15	16	15	15	15	17
MEAN	18	17	17	17	18	18	19	21	21	19	18	18	18	18	18	18	19	19	19	20	19	18	18	18	19

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	14	14	14	14	14	14	14	14	14	14	15	14	15	14	14	14	14	14	14	14	14	14
2	14	13	13	13	14	14	14	14	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
3	17	17	16	16	15	15	15	15	16	17	16	16	16	16	16	16	17	18	17	17	16	16	16	15	16
4	16	15	15	15	15	15	15	16	18	19	19	18	18	19	18	18	19	21	26	27	30	30	27	39	36
5	40	27	27	21	22	18	17	19	19	19	18	18	18	18	18	19	19	18	24	21	22	22	19	19	21
6	20	22	21	21	22	21	24	36	38	35	24	20	18	18	17	17	17	17	17	17	17	17	17	17	17
7	- DATA MISSING -																								
8	15	15	15	15	14	15	16	17	19	17	16	16	17	18	18	19	19	21	20	18	17	17	17	17	17
9	15	15	15	15	14	14	15	17	17	17	16	16	17	18	18	19	19	21	20	18	17	17	17	17	17
10	15	15	14	15	14	14	15	17	17	17	16	16	17	18	18	19	19	21	20	18	17	17	17	17	17
11	17	16	16	17	17	17	18	21	22	21	22	21	21	23	22	22	22	21	20	19	18	19	20	21	20
12	21	18	18	17	17	17	18	20	20	21	21	21	20	21	22	22	24	23	24	23	21	21	23	21	20
13	21	21	21	20	21	21	24	31	35	36	34	30	27	25	22	22	24	26	25	22	19	18	17	17	24
14	16	17	17	15	15	15	15	16	15	15	15	16	16	16	17	18	18	18	19	21	19	18	18	21	17
15	19	16	14	14	14	14	14	14	14	14	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14
16	14	15	15	15	14	14	15	18	22	21	24	20	20	20	22	21	25	29	29	24	21	19	20	19	20
17	19	18	18	19	19	18	20	22	21	18	17	17	16	17	17	18	19	18	20	16	15	15	15	15	18
18	15	15	14	14	14	14	15	17	17	16	17	17	16	17	16	17	18	18	17	16	17	16	16	16	16
19	15	15	16	16	17	17	21	20	18	18	18	24	19	18	28	24	21	19	23	23	19	18	17	18	19
20	18	18	18	18	18	21	25	32	32	31	31	28	24	23	21	22	21	20	20	20	18	18	21	19	22
21	20	20	18	23	26	23	23	23	25	23	19	18	17	17	17	17	17	17	17	20	26	24	24	23	21
22	22	22	20	19	19	20	19	20	17	17	17	17	17	17	16	16	17	17	17	18	17	18	17	17	18
23	16	17	17	16	17	17	18	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
24	DATA MISSING																								
25	17	15	16	17	16	15	15	15	14	14	14	15	16	15	14	14	14	14	15	14	15	17	16	16	15
26	16	16	17	17	17	15	16	17	25	22	19	15	15	15	15	15	15	15	15	15	15	15	15	15	16
27	15	16	15	15	15	15	15	16	16	16	16	16	17	17	17	18	17	17	18	18	18	18	18	19	17
28	19	19	17	17	16	16	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16
29	15	15	15	15	15	17	16	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	15
30	16	16	16	17	17	19	19	21	19	18	17	16	16	16	15	17	20	22	19	18	18	19	19	19	18
31	19	19	21	23	26	23	24	27	28	23	24	24	19	16	19	19	21	22	21	19	19	19	19	21	22
MEAN	18	17	17	17	17	17	18	20	21	20	19	18	18	18	18	18	18	19	19	19	18	18	18	18	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	16	18	29
FEB	28	18	24	37
MAR	31	16	21	48
APR	30	16	21	34
MAY	31	18	22	38
JUN	21	20	26	41
JUL	16	22	33	46
AUG	31	20	32	59
SEP	30	19	30	58
OCT	31	20	42	71
NOV	30	19	38	69
DEC	30	18	24	40
YEAR	337	18	42	71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	564	58	0	0	0	0	0	622
FEB	0	510	148	10	0	0	0	0	668
MAR	0	657	77	6	0	0	0	0	740
APR	0	617	90	9	0	0	0	0	716
MAY	1	571	153	10	0	0	0	0	735
JUN	0	273	194	23	0	0	0	0	490
JUL	0	148	184	39	0	0	0	0	371
AUG	0	412	280	49	0	0	0	0	741
SEP	0	491	178	38	0	0	0	0	707
OCT	0	472	189	48	5	0	0	0	714
NOV	0	518	173	17	3	0	0	0	711
DEC	0	495	151	14	0	0	0	0	660
YEAR	1	5728	1875	263	8	0	0	0	7875

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION										ARITH MEAN
	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	
89	10	13.2	15.1	16.7	18.7	23.6	27.5	34.7	39.5	71	18.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	21	20	26	33	34	27	24	24	28	33	30	28	27	21	20	20	20	19	20	21	21	22	22	20	25
4	23	21	24	28	28	27	26	33	34	29	26	22	21	24	21	18	18	18	19	20	20	20	19	21	23
5	22	22	21	20	20	21	23	23	25	31	29	26	25	24	21	19	18	18	18	18	18	18	18	18	19
6	17	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7	26	26	23	20	18	17	17	17	17	19	21	21	18	18	18	18	18	18	18	19	20	20	23	25	19
8	18	18	18	18	18	18	17	17	17	18	18	18	18	18	18	18	18	18	18	19	20	20	23	25	19
9	26	24	21	20	19	19	18	18	18	18	17	17	18	18	18	18	19	21	23	23	22	22	22	23	20
10	24	23	23	21	19	18	18	20	20	20	20	19	21	20	23	20	21	21	21	21	23	23	22	21	21
11	19	19	17	17	17	16	16	17	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12	18	18	18	18	18	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
13	19	20	23	25	22	22	22	21	21	19	19	19	18	18	18	18	18	18	22	29	31	33	36	33	23
14	32	28	24	23	23	23	22	23	24	23	23	24	21	20	20	19	19	19	19	19	19	18	18	18	22
15	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	17	17
16	17	16	16	15	15																				
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25	22	21	21	21	21	21	21	22	24	25	24	22	24	24	22	22	22	22	22	21	20	21	21	20	22
26	21	21	21	21	21	21	21	22	23	24	25	24	24	25	24	24	24	24	23	22	21	21	21	20	22
27	20	20	19	19	20	22	22	20	18	18	18	19	19	19	19	20	20	20	20	21	20	20	21	21	20
28	21	21	20	21	21	21	21	20	21	21	20	19	19	19	19	20	24	26	28	30	25	23	21	20	22
29	20	20	20	20	20	20	20	21	22	23	22	21	20	19	19	19	21	23	22	22	22	22	21	22	21
30	22	21	21	20	20	20	19	21	22	21	21	21	21	20	20	20	20	21	22	23	24	24	23	24	21
31	25	24	22	21	21	21	21	21	22	21	21			25	24	22	22	22	22	22	23	21	21	22	22
MEAN	21	21	21	21	20	20	20	21	21	22	21	21	20	21	20	20	20	20	21	21	21	21	21	21	21

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	23	22	22	23	23	23	24	24	24	25	25	24	24	23	23	21	22	22	22	22	22	23	23	23
2	22	23	21	21	21	21	22	24	24	25	24	23	22	21	20	19	19	20	20	20	21	21	20	20	21
3	20	20	21	21	21	21	22	22	22	22	21	20	19	19	19	19	19	20	20	20	20	20	20	20	20
4	20	20	20	20	20	20	20	21	21	21	21	20	19	18	18	18	19	19	21	20	19	19	19	19	20
5	19	19	19	19	19	19	19	20	20	20	21														
6	15	16	16	16	15	15	16	17	17	18	18	17	16	15	15	15	15	16	17	17	17	16	15	15	18
7	16	16	16	15	15	15	14	16	16	18	18	18	17	17	17	16	18	18	19	20	21	21	21	21	17
8	21	21	21	22	21	21	22	23	22	22	22														
9																									
10																									
11																									
12																									
13																									
14	21	22	22	22	21	22	23	25	25	24	24	24	23	23	22	22	22	22	23	25	24	25	27	30	23
15	31	29	28	27	26	25	25	28	28	27	26	26	24	24	23	23	23	25	26	25	33	36	37	40	28
16	39	39	34	32	30	30	30	29	28	28	26	25	24	23	22	26	25	27	25	24	24	24	23	23	28
17	23	23	23	23	22	22	22	22	23	23	24	23	22	22	21	21	21	21	22	23	22	23	23	23	22
18	23	23	24	24	24	24	24	26	26	26	26	25	25	23	23	22	22	25	29	29	29	33	37	35	26
19	30	28	26	25	25	25	25	26	26	27	25	25	24	24	24	23	23	24	23	24	23	24	24	23	25
20	23	23	23	23	23	23	23	24	24	24	22	22	19	18	18	19	21	21	22	22	21	21	21	21	22
21	21	22	23	23	24	25	28	31	38	35	31	28	24	21	20	21	22	26	32	36	32	25	23	22	26
22	21	22	21	21	21	22	22	21	21	21	22	21	21	21	20	21	23	21	23	24	28	28	20	18	22
23	17	17	16	15	16	18	19	19	19	20	21	21	22	21	21	21	20	19	20						19
24																									
25	26	29	25	23	23	23	24	25	24	23	22	22	21	20	20	20	21	21	22	23	24	28	29	28	27
26	26	25	25	25	25	25	25	27	27	26	25	24	23	22	21	21	22	23	25	27	25	30	40	35	26
27	32	37	35	31	27	28	30	32	33	30	32														
28	20	20	27	21	21	25	27	22	24	23	18	18	19	22	20	23	32	20	18	17	17	17	16	16	21
MEAN	23	24	23	22	22	22	23	24	24	24	23	23	22	21	20	20	21	21	22	23	23	23	24	23	22

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	16	16	16	16	17	18	17	16	16	17	17	16	15	14	13	14	14	15	15	16	17	17	16
2	17	17	17	17	17	17	17	18	18	19	18	17	17	17	16	18	18	19	18	18	17	17	17	18	17
3	18	18	17	16	14	14	16	16	16	16	17	17	17	18	17	16	16	17	16	17	19	18	17	15	17
4	14	13	13	14	14	14	16	19	18	16	16	18	19	17	19	25	23	23	20	18	21	24	18	17	18
5	17	16	16	16	16	17	19	18	17	17	16	16	14	14	13	13	13	13	13	14	15	16	17	18	16
6	17	19	19	19	18	18	18	19	20	19	17	16	22	18	18	18	19	20	21	23	23	23	23	19	19
7	20	21	21	22	23	23	23	23	23	23	21	19	17	15	15	16	16	15	15	17	18	19	20	19	19
8	19	20	19	19	20	21	21	22	22	23	23	22	21	19	18	18	18	20	21	21	21	21	21	21	20
9	21	22	23	23	23	23	22	22	23	23	23	22	21	21	21	21	22	21	21	20	18	19	20	21	20
10	20	20	21	21	21	21	21	21	21	21	22	22	21	20	19	19	19	19	20	20	20	22	22	22	21
11	22	23	24	24	24	24	24	25	24	24	22	20	20	19	18	18	18	19	21	20	18	19	19	19	21
12	19	20	21	21	22	22	22	23	23	21	19	20	20	18	18	18	18	19	19	20	21	21	21	21	20
13	21	21	21	20	20	20	20	21	21	21	20	20	18	18	19	19	18	18	19	19	19	18	19	19	20
14	19	19	19	19	19	19	20	21	21	21	21	20	19	17	17	18	18	18	18	19	22	22	22	22	20
15	21	21	20	20	20	20	22	24	22	21	22	20	19	17	17	16	16	17	20	27	41	48	27	24	23
16	23	23	22	21	20	20	21	21	20	20	20	20	19	20	18	18	17	17	17	17	17	17	17	16	19
17	16	16	16	16	16	16	16	15	15	15	16	16	16	16	16	17	17	17	17	16	16	16	16	16	16
18	17	17	17	17	18	18	19	20	19	19	19	19	20	19	18	17	16	17	17	19	21	23	24	21	19
19	17	17	18	17	18	18	19	20	20	18	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18
20	18	18	19	18	19	19	19	21	20	19	19	19	19	19	18	18	18	18	20	20	22	22	20	21	19
21	20	19	19	19	18	19	20	19	19	19	19	19	19	19	19	19	18	20	19	19	19	19	19	20	19
22	19	18	19	19	18	20	18	18	18	18	18	18	18	17	17	17	17	18	19	20	20	21	20	18	18
23	19	25	21	22	21	22	20	19	19	19	19	19	19	19	19	19	20	20	20	20	19	19	18	20	18
24	19	19	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	18	18	18	18	18	18	19	18
25	18	18	18	18	19	19	20	21	20	20	19	19	19	19	18	18	19	18	19	19	20	20	20	25	19
26	29	20	19	19	20	19	20	21	20	20	19	19	19	19	18	18	18	18	19	20	21	20	21	19	19
27	19	19	19	19	19	19	20	21	21	20	20	19	19	18	18	18	18	19	20	21	20	21	19	19	20
28	18	18	19	19	19	19	19	20	20	19	19	20	19	18	18	18	18	19	20	23	24	25	24	20	19
29	22	22	21	21	21	21	21	22	20	20	21	21	20	20	20	19	20	20	20	20	20	19	19	19	20
30	19	19	19	19	19	19	18	18	19	20	21	21	19	19	19	19	18	20	19	19	19	19	20	19	19
31	19	18	18	18	18	17	17	17	17	17	20	18	18	18	18	18	18	19	19	19	19	19	19	19	18
MEAN	19	19	19	19	19	19	19	20	20	19	19	19	19	18	18	18	18	18	18	19	20	20	20	20	19

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS OTTAWA

NO 51001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	18	18	18	18	18	18	20	20	19	19	18	18	18	19	19	19	19	19	21	23	29	30	24	20
2	41	25	23	21	20	21	22	21	20	19	19	20	20	22	23	24	28	27	22	20	20	20	20	23	23
3	22	21	21	21	21	22	22	27	27	27	19	24	24	24	22	21	21	22	27	23	22	22	25	22	23
4	20	20	20	20	20	20	20	10	7	8	8	8	8	8	7	7	7	7	7	8	10	8	8	8	11
5	9	9	8	8	8	8	9	9	7	7	7	8	8	19	19	18	18	19	19	19	18	18	17	17	13
6	17	17	16	16	16	16	16	17	16	16	16	16	15	15	15	15	15	16	17	19	21	24	24	20	17
7	21	27	24	22	24	19	19	19	19	19	19	19	17	17	17	18	16	16	16	16	16	16	17	17	19
8	16	18	16	15	15	16	16	17	17	17	17	17	16	16	16	16	16	16	17	19	23	20	23	19	17
9	18	18	18	18	17	17	18	19	18	17	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17
10	17	17	17	17	18	19	18	18	17	17	16	16	16	16	17	17	17	17	19	21	24	28	26	22	19
11	20	19	19	20	20	19	19	19	20	19	19	18	18	18	18	18	18	19	20	21	20	23	25	28	20
12	27	27	22	19	19	19	19	19	18	19	19	19	19	19	19	18	18	18	18	18	19	19	19	19	19
13	19	19	19	19	19	19	19	19	19	19	19	21	21	20	20	23	20	20	19	19	19	20	21	20	20
14	24	34	29	29	30	29	29	30	27	26	23	24	22	21	20	20	20	20	21	22	23	23	22	25	25
15	21	19	19	19	19	19	19	20	20	20	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20
16	19	19	19	19	19	19	19	18	19	19	19	20	20	19	19	19	19	19	19	20	21	21	25	26	20
17	22	20	20	20	20	19	20	20	19	19	19	19	18	18	20	19	19	19	20	20	20	20	20	21	20
18	21	21	20	20	20	20	19	19	19	19	19	19	18	18	17	17	17	16	16	18	18	19	19	19	19
19	18	17	18	19	19	19	20	20	20	20	20	19	19	18	18	18	18	19	19	20	21	25	27	27	20
20	26	24	22	21	21	21	21	24	29	21	20	19	19	19	19	19	20	20	20	21	21	21	21	21	21
21	21	27	24	20	21	24	26	30	25	25	23	22	22	21	21	21	21	21	21	21	22	23	21	23	23
22	21	21	21	21	20	21	21	22	22	21	20	20	20	21	20	21	21	20	20	21	21	21	22	22	21
23	22	21	21	23	27	24	22	22	22	21	21	21	21	20	20	20	21	21	22	22	21	20	19	20	21
24	20	20	20	20	18	18	19	20	20	20	20	20	20	20	20	20	20	20	20	21	21	22	25	25	21
25	24	23	23	22	21	22	22	26	28	21	20	20	20	20	20	21	21	21	21	21	21	21	21	21	22
26	21	21	21	21	21	21	19	20	20	20	19	19	19	19	20	20	20	20	20	21	22	25	28	27	21
27	28	30	28	26	26	24	25	23	23	23	22	21	20	21	21	21	21	21	21	22	22	22	22	23	23
28	23	24	26	30	30	32	35	30	25	23	23	22	23	23	23	23	23	24	24	24	25	25	25	25	25
29	25	24	24	24	24	24	26	26	27	26	25	24	24	24	24	25	26	25	24	24	25	25	25	25	25
30	25	25	25	25	25	26	26	26	25	23	23	23	23	23	23	15	15	15	15	16	16	16	16	16	16
MEAN	22	22	21	20	21	21	21	21	21	20	19	19	19	19	19	19	19	19	19	20	20	21	22	21	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	17	17	17	17	17	17	17	17	17	17	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	
2	16	16	16	17	17	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	18	17	
3	18	18	18	18	18	19	20	20	19	19	18	18	19	19	18	18	22	21	22	22	24	23	22	19	20	
4	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	20	18	
5	20	20	20	20	20	20	20	18	18	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	18	
6	17	17	17	17	18	18	18	19	18	19	18	19	19	19	19	19	19	19	19	19	19	18	18	18	18	
7	17	17	17	17	17	17	19	20	20	20	20	20	19	19	19	19	19	19	19	19	19	18	17	17	18	
8	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	19	21	21	21	22	22	22	21	19	
9	21	21	19	19	19	19	20	21	21	21	20	12	0.0.0.0	21	20	22	27	22	23	21	21	26	21	23	21	
10	21	20	19	18	18	18	18	19	19	19	19	19	18	19	19	19	19	20	20	20	19	23	20	19		
11	21	22	21	20	20	19	19	20	20	20	20	20	19	19	19	19	19	19	20	20	20	20	20	20	20	
12	19	20	20	19	21	20	20	20	20	20	21	21	22	24	22	25	21	18	17	17	17	17	17	17	20	
13	18	17	18	17	16	16	17	17	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	
14																										
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	26	24	23	25	27	24	23	22	22	22	21	21	0.0.0.0
23	21	21	20	20	19	19	20	21	21	22	22	22	23	22	20	20	20	20	20	20	20	20	20	20	21	
24	21	22	20	20	21	22	23	27	24	24	24	24	23	21	20	20	20	20	21	19	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	22	
25																										
26																										
27																										
28	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	18	17	17	18	17	18	18	18	17	18	17	0.0.0.0	
29	19	19	21	22	22	23	21	21	21	20	20	19	19	19	18	18	18	18	19	18	19	20	20	21	20	
30	22	22	21	21	21	22	24	24	23	20	20	19	20	20	21	21	22	22	23	29	34	29	31	33	24	
31	31	28	25	25	25	24	24	24	24	23	23	23	24	23	22	22	22	21	21	22	22	22	22	22	24	
MEAN	20	20	19	19	19	19	20	20	20	20	20	19	20	20	19	19	20	19	20	20	20	20	20	20	20	

PERCENTAGE OF DATA VALID - 58

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	23	25	25	25	24	24	23	22	21	20	20	20	20	21	21	21	21	21	21	23	26	28	26	26	23	
2	26	27	28	27	26	25	24	24	26	24	23	21	21	21	23	23	25	25	26	27	35	34	30	28	26	
3	28	27	27	27	27	27	28	29	29	29	29	29	29	30	34	32	32	32	32	33	34	34	35	35	30	
4	35	34	34	34	35	35	43	47	42	38	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	26	26	26	26	26	26	27	26	26	25	32	
5	25	25	25	25	26	26	27	27	27	26	24	26	26	26	26	28	28	28	29	29	29	29	30	31	27	
6	30	33	38	35	34	31	29	28	25	24	24	24	24	24	25	24	24	24	24	25	24	24	25	24	27	
7	24	24	25	24	24	25	26	27	29	25	27	25	24	23	23	23	23	23	23	24	25	32	29	28	25	
8	21	19	18	19	21	23	25	24	20	18	18	19	20	20	19	19	19	19	19	20	21	20	19	20		
9	19	18	19	19	19	19	19	19	19	18	18	18	18	18	17	17	18	18	18	18	22	27	29	23	19	
10	20	20	19	18	20	20	21	22	21	19	19	19	19	20	19	18	18	18	19	19	19	19	18	18	19	
11	18	18	18	18	19	19	20	20	20	20	21	21	21	21	21	22	21	21	21	21	21	21	21	19	20	
12	20	20	20	20	20	21	23	25	25	26	23	22	0.0.0.0	0.0.0.0	21	20	19	18	17	18	18	20	20	19	21	
13	19	18	18	18	19	19	20	22	21	20	20	19	20	20	19	21	19	19	18	19	20	20	19	19	19	
14	19	18	18	19	19	19	20	21	22	22	20	20	20	20	20	21	20	20	20	22	29	29	30	24	21	
15	24	22	22	21	21	21	20	20	20	20	20	20	19	20	19	19	19	19	19	19	19	19	19	20	20	
16	20	24	20	21	25	20	18	19	19	19	21	19	19	20	21	22	18	19	18	21	21	21	20	22	20	
17	20	19	19	18	20	19	22	24	21	20	19	19	19	19	19	19	19	18	18	19	19	20	18	18	19	
18	18	19	19	21	20	23	26	25	21	20	20	20	0.0.0.0	20	20	22	22	22	22	21	22	22	22	23	21	
19	22	22	21	21	21	22	25	23	22	21	20	20	20	21	21	21	21	21	21	22	22	22	22	22	22	
20	22	22	22	22	22	22	23	23	22	21	20	20	20	20	20	21	24	23	22	22	26	24	24	27	22	
21	24	23	22	22	22	23	27	22	21	21	21	21	22	22	20	20	21	21	20	21	20	21	22	22	22	
22	22	21	20	20	20	20	20	20	20	20	20	20	21	20	20	20	20	20	19	19	19	19	19	19	20	
23	18	18	17	18	18	18	18	18	18	19	19	19	19	19	20	20	20	20	19	19	20	21	22	22	19	
24	22	21	20	20	20	18	19	19	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	19	18	19	19	19	19	21	0.0.0.0	
25	20	20	19	20	19	20	19	19	19	18	18	18	19	18	18	19	22	25	28	27	28	27	21	21	21	
26	19	19	20	20	19	19	20	18	0.0.0.0	26	22	21	23	27	26	18	25	26	27	28	28	31	31	32	30	24
27	29	31	31	31	31	30	30	29	30	29	28	28	31	30	31	33	32	32	31	32	33	32	34	32	31	
28	34	40	35	34	32	32	37	36	35	32	31	30	30	31	31	31	31	30	29	32	33	31	31	31	32	
29	32	31	28	32	32	32	32	32	32	33	31	31	30	29	28	27	26	26	30	29	29	28	27	27	30	
30	27	27	29	29	29	30	31	31	30	29	30	28	27	24	23	23	25	25	25	26	27	26	23	25	27	
MEAN	23	24	23	23	23	23	24	25	24	23	22	22	23	22	22	23	23	23	23	23	25	25	24	24	23	

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3																									
4	32	33	31	32	31	30	33	39	36	34	30	24	23	28	27	27	25	26	30	33	32	32	33	31	30
5	34	32	35	36	38	37	38	39	35	30	28	24	23	20	19	18	20	22	24	26	24	26	28	28	29
6	30	30	32	33	32	32	32	31	30	27	24	23	25	24	27	24	23	26	28	27	27	29	31	30	28
7	31	31	34	32	32	32	31	30	29	27	26	25	25	27	25	25	27	27	27	27	30	31	32	32	29
8	32	30	29	31	32	32	32	32	31	31	28	29	25	26	25	28	31	29	32	32	30	31	30	28	30
9	27	30	31	32	33	33	32	30	28	28	29	29	29	32	33	30	32	34	34	31	34	33	33	33	31
10	33	33	33	32	33	33	29	31	31	32	32	26	26	30	27	25	24	25	27	30	34	37	36	30	
11	36	36	37	37	36	35	38	35	34	24	21	20	19	18	19	19	19	20	22	25	29	29	28	27	28
12	26	27	28	27	28	25	25	24	24	23	22	21													
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	31	31	32	32	33	32	32	32	31	28	27	25	24	25	26	25	25	26	27	28	29	30	31	31	29
PERCENTAGE OF DATA VALID -	28																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	43	42	39	38	42	47	47	56	58	51	45	47	30	23	21	18	18	19	22	22	24	25	31	34	35
12	34	34	32	34	36	35	40	38	39	33	33	31	33	33	40	34	32	33	38	37	35	35	33	35	35
13	32	32	35	35	36	41	44	52	40	32	28	25	21	20	20	19	18	19	24	24	29	29	26	23	29
14	23	25	23	25	28	30	30	30	29	29	31	31	27	24	22	22	23	34	38	45	48	45	46	43	31
15	40	37	31	29	30	37	40	38	30	29	23	22	19	19	19	21	21	24	25	25	26	30	32	34	28
16	36	36	53	46	45	47	40	39	33	32	27	20	19	21	26	24	30	49	66	76	63	59	43	36	40
17	42	41	47	46	38	32	31	27	24	24	25	23	25	28	32	36	35	33	27	26	31	38	48	46	34
18	48	44	40	33	40	42	52	41	33	46	44	46	41	46	49	50	42	52	50						
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	37	36	38	36	37	39	41	40	36	35	32	31	27	27	29	28	28	33	36	37	37	38	38	37	35
PERCENTAGE OF DATA VALID -	27																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH OCT

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8	40	28	21	21	17	16	18	19	24	20	19	18	16	11	11	11	13	13	13	14	14	15	14	10	17
9	10	10	10	10	10	10	10	10	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10
10																									
11	11	11	12	12	11	12	14	17	44	46	43	37	34	34	32	32	33	39	37	36	39	37	37	36	26
12	37	34	34	42	44	47	44	48	46	43	37	34	34	27	26	26	27	29	42	43	43	39	37	33	37
13	31	33	34	36	37	35	42	37	33	33	29	28	29	27	29	29	28	31	38	49	35	34	37	36	34
14	35	35	39	38	37	36	36	37	36	36	38	38	33	31	29	27	26	26	26	25	25	25	25	24	32
15	23	24	24	25	24	25	26	26	25	26	27	26	26	25	24	24	27	37	48	52	61	67	60	85	35
16	69	51	46	62	54	56	49	43	40	40	35	35	31	29	28	28	40	38	37	36	40	37	35	33	41
17	31	32	31	35	37	33	31	31	30	29	28	30	29	26	25	22	22	23	24	24	23	24	25	26	28
18	26	28	31	31	29	32	33	33	31	28	27	27	26	24	24	23	23	23	25	25	29	31	32	30	28
19	30	30	33	34	35	34	34	34	31	31	31	29	31	31	27	28	28	31	36	38	36	37	39	45	33
20	37	35	34	33	33	33	30	27	27	27	27	28	28	26	25	24	26	27	27	29	32	32	31	32	30
21	32	34	34	35	33	39	43	38	35	32	29	27	27	24	25	27	28	27	27	27	27	28	30	29	31
22	29	28	29	29	29	30	31	31	30	28	26	28	29	28	28	29	28	27	27	27	27	27	26	26	28
23	26	27	28	30	33	33	37	41	34	29	27	26	26	24	23	23	24	26	28	31	31	31	29	31	29
24	39	40	49	59	63	63	55	62	53	37	31	29	27	25	25	25	25	25	25	25	25	25	25	25	43
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29	47	42	37	37	38	39	38	37	36	36	34	35	37	35	32	33	33	33	35	34	39	54	50	40	37
30																									
31	36	36	33	36	35	39	37	45	54	45	36	31	31	31	30	30	31	33	32	32	31	29	29	29	35
MEAN	33	31	31	34	33	34	34	34	34	31	29	28	27	26	26	26	27	29	32	33	33	34	33	33	31

PERCENTAGE OF DATA VALID - 59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	29	26	28	28	28	28	30	33	30	29	28	29	29	30	30	31	29	30	31	31	32	30	30	30
2	32	32	32	30	32	33	32	33	34	35	36	37	36	35	33	33	33	33	33	33	33	33	33	33	33
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26	20	20	20	20	21	20	20	21	21	21	20	19	19	19	17	17	17	18	19	18	19	21	21	20	19
27	19	19	17	17	16	16	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
MEAN	25	25	24	24	24	24	24	26	27	26	30	28	28	28	27	25	25	24	24	24	24	24	23	23	25

PERCENTAGE OF DATA VALID - 12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	21	25	36
FEB	24	22	28	40
MAR	31	19	23	48
APR	30	20	25	41
MAY	20	20	24	34
JUN	30	23	32	47
JUL	10	29	31	39
AUG		DATA MISSING		
SEP	9	35	44	76
OCT	20	31	43	85
NOV	5	25	30	37
YEAR	202	23	44	85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	199	294	12	0	0	0	0	505
FEB	0	115	389	29	0	0	0	0	533
MAR	0	476	263	2	0	0	0	0	741
APR	28	269	415	4	0	0	0	0	716
MAY	0	235	197	4	0	0	0	0	436
JUN	0	168	455	80	0	0	0	0	703
JUL	0	7	118	90	0	0	0	0	215
AUG	DATA MISSING								
SEP	0	10	61	121	3	0	0	0	195
OCT	25	25	163	220	9	0	0	0	442
NOV	0	23	44	20	0	0	0	0	87
YEAR	53	1527	2399	582	12	0	0	0	4573

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
62	7	16.6	18.6	20.4	23.5	31.4	35.4	41.5	47.0	85	22.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12	17	16	16	15	16	17	17	17	18	19	19	19	19	19	19	19	19	19	19	18	17	16	17	17	18
13	22	21	23	23	22	21	22	20	20	19	20	19	19	19	19	20	20	21	21	21	20	21	21	21	18
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17	17	18	18	17	17	17	17	17	17	17	17	18	18	18	18	18	17	17	17	18	19	19	18	18	18
18	21	21	21	19	19	21	21	20	18	19	19	19	19	19	19	19	41	33	33	32	19	19	21	21	23
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25	17	16	16	16	16	16	16	17	18	14	15	15	15	15	16	16	16	16	20	19	18	18	17	18	18
26	17	17	17	16	16	16	16	17	16	15	15	15	16	15	16	15	16	16	16	17	16	16	16	16	16
27	15	16	16	16	15	15	16	16	15	15	15	15	16	16	16	16	16	16	16	17	16	16	16	16	16
28	17	16	17	17	17	16	16	16	16	16	15	15	15	15	15	15	15	15	15	14	15	15	14	15	16
29	17	17	16	16	15	14	14	14	14	14	13	13	13	13	13	13	13	12	12	12	12	12	13	13	14
30																									
31																									
MEAN	18	18	18	17	17	17	17	17	17	16	16	16	16	16	17	17	17	19	18	19	19	18	17	17	17

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	13	14	13	14	13	13	14	14	14	14	14	14	14	14	16	16	17	18	20	18	18	18	15
2	14	13	13	14	14	16	20	23	18	15	15	15	15	15	15	15	14	14	13	13	13	13	13	13	13
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	11	12	12	13	13	18	21	18	15	15	13	13	13	13	13	14	14	15	15	16	16	16	16	11	15
11	15	15	15	15	15	14	14	14	15	15	14	15	15	15	15	15	17	15	16	19	21	24	23	25	17
12	28	43	86	50	27	28	17	16	15	14	15	14	14	14	14	13	14	14	14	14	14	15	15	15	22
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	16	19	28	20	16	17	16	16	15	14	14	14	14	14	14	14	15	15	15	16	16	16	16	16	16

PERCENTAGE OF DATA VALID - 18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	17	16	16	15	16	17	17	17	18	19	19	19	19	19	19	19	19	21	19	18	17	16	17	17	18
13	17	16	16	15	16	17	17	17	18	19	19	19	19	19	19	19	19	21	19	18	17	16	17	17	18
14	19	19	21	22	22	23	23	22	20	20	20	20	20	20	20	20	21	20	20	20	22	20	19	19	20
15	19	19	21	22	22	23	23	22	20	20	20	20	20	20	20	20	21	20	20	20	22	20	19	19	20
16	26	24	23	22	22	23	23	23	23	24	23	23	22	22	22	23	17	16	16	16	25	24	24	25	26
17	26	24	23	22	22	23	23	23	23	24	23	23	22	22	22	23	17	16	16	16	25	24	24	25	26
18	26	24	23	22	22	23	23	23	23	24	23	23	22	22	22	23	17	16	16	16	25	24	24	25	26
19	24	24	23	22	22	23	23	23	23	24	23	23	22	22	22	23	17	16	16	16	25	24	24	25	26
20	23	22	22	23	23	23	22	20	19	18	18	18	19	19	19	20	19	19	19	19	21	21	22	22	20
21	22	22	22	22	22	22	23	23	24	21	21	21	21	20	19	18	19	19	19	20	20	22	23	22	21
22	24	25	24	24	24	24	24	23	21	22	20	20	21	19	18	19	19	19	19	21	21	21	21	21	21
23	21	21	21	21	21	21	20	20	20	20	20	20	21	18	19	20	20	20	20	22	23	24	25	24	21
24	23	24	24	24	26	27	24	22	21	20	19	18	25	19	20	20	21	21	21	21	21	22	22	22	22
25	22	22	22	22	22	22	22	22	22	22	22	22	21	21	21	22	22	22	22	23	23	24	24	24	22
26	23	23	23	23	23	23	23	23	22	22	22	22	21	21	21	22	22	23	23	23	24	24	24	24	23
27	24	23	23	23	23	23	23	23	22	22	22	22	21	21	21	22	22	23	23	23	24	24	24	24	23
28	25	26	26	26	26	26	26	26	25	19	19	20	21	21	18	19	19	18	18	18	19	20	21	21	22
29	21	21	24	27	22	22	22	23	23	22	21	20	21	20	21	22	22	21	22	23	23	23	23	23	22
30	23	24	25	25	25	24	24	26	25	25	24	24	24	23	21	20	20	20	20	22	23	17	19	22	23
31	23	25	32	30	28	29	28	27	27	25	23	22	22	22	21	20	20	20	20	19	19	21	21	23	24
MEAN	23	23	24	23	23	23	23	22	21	21	21	21	21	21	20	20	20	20	21	22	22	23	22	23	22

PERCENTAGE OF DATA VALID - 55

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	26	26	27	27	28	27	27	27	27	24	21	21	22	21	21	21	21	21	21	22	24	26	26	24
2	27	27	28	28	28	28	27	26	25	24	23	22	22	22	21	21	21	21	21	22	23	22	23	24	24
3	25	26	27	28	28	28	28	28	26	25	24	23	24	25	24	23	23	22	22	22	24	25	26	27	25
4	27	27	27	27	27	28	27	27	26	24	23	23	24	24	24	24	24	24	23	23	23	25	26	27	25
5													DATA MISSING												
6	23	24	26	27	29	25	22	20	20	21	20	20	20	20	20	20	20	20	20	20	21	21	20	21	21
7	22	24	25	26	26	26	27	26	27	23	21	20	20	19	19	19	19	19	19	20	22	23	21	19	19
8	19	21	22	23	24	25	25	22	21	20	20	19	19	19	19	19	19	19	19	20	19	21	21	20	21
9	20	19	19	18	18	18	17	17	18	18	18	22	21	20	21	19	19	19	20	20	20	20	20	20	20
10	19	18	18	17	17	17	18	18	18	18	18	18	18	19	20	20	21	21	22	22	22	21	20	19	19
11	19	18	18	18	17	18	19	19	19	19	19	19	19	19	20	20	19	19	19	19	20	21	21	22	19
12	22	22	22	22	22	22	22	22	22	21	20	19	18	18	18	18	18	18	18	18	19	21	21	21	20
13	21	21	21	21	21	21	21	21	19	18	18	18	18	18	18	18	18	18	18	19	20	21	22	23	20
14	23	22	22	23	23	24	24	24	24	23	20	20	20	19	19	19	21	21	22	21	22	23	22	22	22
15	22	22	21	23	22	21	20	19	19	18	17	17	17	17	16	16	16	16	16	16	16	18	17	15	18
16	16	15	15	15	15	14	15	15	16	17	17	17	17	17	16	16	16	16	16	16	18	19	20	16	16
17	15	14	14	14	13	14	14	14	15	14	14	14	15	15	15	15	15	15	15	15	14	14	14	14	14
18	14	13	13	13	14	13	13	13	13	14	14	14	17	15	15	14	16	15	15	14	14	14	14	14	14
19	13	13	14	14	14	15	15	15	15	15	15	15	15	15	14	14	16	16	16	16	17	18	16	16	15
20	15	15	16	15	15	15	16	16	16	17	16	17	16	15	14	14	14	14	14	14	14	15	15	14	15
21	15	15	13	12	12	13	13	14	14	14	14	13	14	13	13	13	12	12	13	15	16	15	16	17	14
22	17	15	14	15	14	13	13	13	13	13	13	13	13	13	12	12	13	15	16	15	14	14	13	14	14
23	14	14	13	13	14	15	14	13	13	13	13	14	14	14	14	14	14	14	14	14	14	14	13	14	14
24	14	14	13	13	13	13	14	13	15	15	14	15	15	15	14	14	14	15	14	14	15	15	14	13	14
25	13	13	13	13	12	12	13	14	14	15	15	15	14	14	14	14	13	14	14	14	15	14	13	12	14
26													DATA MISSING												
27													DATA MISSING												
28													DATA MISSING												
29													DATA MISSING												
30													DATA MISSING												
MEAN	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - MEMORIAL PK CORNWALL

NO 56051

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - *MEMORIAL PK CORNWALL

NO 56051

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	14	17	23	41
APR	7	16	22	86
MAY	20	22	24	35
JUN	24	19	25	29
JUL	10	20	23	64
YEAR	75	19	25	86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - *MEMORIAL PK CORNWALL

NO 56051

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR	0	196	30	4	0	0	0	0	230
APR	0	120	11	2	1	0	0	0	134
MAY	0	85	322	3	0	0	0	0	410
JUN	0	320	240	0	0	0	0	0	560
JUL	0	137	56	13	2	0	0	0	208
YEAR	0	858	659	22	3	0	0	0	1542

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
41	11	13.1	15.3	18.4	20.9	24.2	26.3	28.8	36.2	86	19.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	16	16	15	15	15	14	14	13	13	12	13	13	14	14	16	16	16	15	17	17	18	20	15
2	19	19	18	17	17	18	20	21	21	13	13	11	11	11	11	11	11	11	11	11	11	12	12	11	14
3	11	10	11	11	11	11	11	12	13	12	11	12	11	12	12	12	12	12	12	12	12	12	12	11	12
4	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
5	18	16	20	18	17	14	13	15	13	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	12
6	10	10	11	11	11	11	11	12	11	11	11	11	11	12	11	10	10	11	11	12	12	12	11	11	11
7	10	10	9	9	10	10	10	10	10	10	10	10	10	10	11	10	10	11	11	12	12	12	16	16	12
8	20	16	15	15	15	15	18	16	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
9	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
10	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
11																									
12																									
13																									
14																									
15	17	16	16	16	16	16	16	16	17	17	17	17	16	17	17	17	18	21	21	21	19	18	18	19	17
16	17	17	17	17	17	17	17	18	20	18	17	18	17	17	17	17	17	17	17	17	17	17	17	17	17
17																									
18																									
19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
20																									
21																									
22																									
23	16	16	15	16	15	15	16	16	17	18	18	18	17	17	17	16	17	19	17	17	17	19	22	26	17
24	28	27	21	19	18	18	19	18	21	23	20	19	17	17	17	17	17	17	17	17	17	17	18	18	19
25	17	19	19	19	19	19	20	26	28	25	19	19	19	21	22	20	21	20	20	19	19	19	18	18	20
26	18	18	17	17	18	17	18	18	19	20	21	20	19	19	19	17	18	18	18	18	18	18	18	18	18
27	17	18	18	18	18	18	19	17	17	18	17	17	17	17	17	16	17	17	17	17	17	17	17	17	17
28	17	18	18	18	18	18	19	17	17	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
29	17	17	19	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
30	17	16	16	17	17	17	17	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
31																									
MEAN	16	16	16	16	15	15	16	16	17	16	16	16	15	16	16	16	16	17	17	17	16	16	16	16	16

PERCENTAGE OF DATA VALID - 56

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
2	16	16	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3																									
4																									
5	18	18	18	18	18	18	17	19	18	19	19	19	20	19	19	19	19	20	19	19	19	19	18	18	18
6	18	17	17	16	16	16	16	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16
7	15	15	15	15	15	15	16	16	18	18	17	17	18	17	18	18	18	19	22	21	20	21	22	23	18
8	25	22	23	21	21	20	21	25	24	26	25	19	19	19	18	20	19	21	19	21	18	18	19	21	21
9	21	24	22	19	21	21	21	20	20	19	18	18	20	19	18	19	19	19	20	22	21	19	20	19	20
10	20	19	20	22	24	20	19	18	18	18	18	19	21	20	19	19	19	19	19	19	19	17	16	15	19
11	15	15	15	15	15	14	15	15	15	16	16	18	18	18	18	18	17	17	17	17	18	18	18	18	17
12	17	16	16	16	16	17	17	18	18	18	17	17	17	16	16	16	16	16	16	16	17	18	18	18	17
13	18	19	18	17	17	17	16	17	17	17	17	17	17	16	16	16	16	16	16	16	17	18	18	18	17
14																									
15																									
16	14	14	13	13	13	13	13	13	15	14	15	16	15	14	14	13	14	13	13	13	12	12	11	11	13
17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18																									
19	13	13	13	13	14	13	13	14	14	15	14	14	15	15	15	15	15	16	13	13	13	13	13	13	13
20	12	12	13	13	12	12	14	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
MEAN	17	17	16	16	17	16	17	17	17	18	18	17	17	17	17	17	17	18	17	17	17	16	17	17	17

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	17	16	16	16	17	17	18	19	****	****	19	18	17	17	17	16	17	18	17	17	16	17	17	18	17
21	17	18	17	16	16	16	17	17	18	17	17	17	18	21	17	15	15	15	16	16	16	16	15	16	17
22	15	14	14	14	15	15	15	****	****	****	****	****	****	18	18	17	18	18	18	19	20	18	18	17	17
23	17	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
24	17	17	17	17	17	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	17	17	17	17	18	18	19	21	23	19	18	18	16	17	18	18	20	19	18	19	18	19	20	21	19
26	19	18	17	17	17	19	19	18	17	18	17	17	17	17	16	17	18	17	17	17	18	18	18	18	18
27	17	17	17	17	17	18	18	19	18	18	18	17	17	17	17	17	18	18	18	17	17	18	18	18	17
28	18	19	18	18	18	18	18	18	19	18	19	18	19	18	18	18	18	19	20	21	20	19	18	18	19
29	17	18	18	18	18	18	18	18	19	19	19	18	19	19	18	18	20	20	20	20	20	19	19	19	19
30	19	18	18	18	18	18	18	18	18	17	18	18	18	19	19	18	18	19	19	19	19	19	19	19	18
31	19	19	20	19	19	19	18	18	18	19	18	18	18	17	17	17	17	16	17	16	17	17	17	17	18
MEAN	17	17	17	17	17	17	18	18	19	18	18	18	18	18	18	17	18	18	18	18	18	18	18	18	18

PERCENTAGE OF DATA VALID - 37

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17	****	****	****	****	****	****	****	****	****	****
2													DATA MISSING												
3	19	18	18	18	18	18	18	20	21	22	24	22	22	21	20	19	19	19	18	18	18	19	18	18	19
4	19	18	18	18	18	18	18	20	21	22	24	22	22	21	20	19	19	19	18	18	18	19	18	18	19
5	18	17	17	17	17	17	17	17	17	17	17	18	17	17	18	18	18	18	18	19	18	19	19	19	18
6	21	19	18	18	17	17	17	17	18	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18	18
7	18	18	18	18	18	18	20	19	19	19	19	19	18	18	18	19	19	20	20	19	20	21	21	21	19
8	20	19	18	18	18	19	19	19	19	20	19	18	18	18	18	18	18	19	20	20	20	20	20	20	19
9	19	19	19	19	19	19	19	19	19	19	19	17	17	18	18	18	19	18	18	18	18	18	18	18	18
10	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18
11	17	17	17	17	17	17	17	17	17	17	17	17	17	17	19	18	18	18	18	19	19	18	18	18	18
12	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	19	19	18	18	18	18
13	17	17	17	17	17	18	18	19	24	20	20	16	16	16	16	16	16	16	16	16	16	16	16	16	16
14	17	17	17	17	17	17	18	18	18	18	17	18	17	17	17	17	17	17	17	17	17	17	17	17	18
15	15	17	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	15	16	16	16	16	16
16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
17	17	17	18	18	18	17	17	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	18
18	35	127	51	140	87	38	18	37	63	57	80	67	93	49	45	61	75	75	20	33	25	19	17	17	55
19	16	16	16	16	20	17	17	17	17	18	18	19	21	19	17	18	17	18	18	18	17	17	17	18	18
20	19	19	19	20	20	19	24	18	18	18	18	18	18	18	18	19	19	19	19	20	21	21	21	20	19
21	20	21	21	22	22	22	22	21	21	19	20	20	20	20	21	22	23	24	24	24	24	23	23	22	22
22	23	21	21	****	****	21	21	21	21	19	19	19	19	19	20	20	22	23	22	23	22	20	19	19	21
23	20	19	19	18	18	18	18	18	19	19	19	19	19	18	19	19	18	17	18	18	18	18	18	19	19
24	19	19	19	19	19	19	19	19	19	19	19	20	19	19	20	21	20	20	22	26	29	23	22	22	21
25	21	20	20	20	20	19	19	19	19	19	19	19	18	19	19	18	19	19	18	18	20	20	20	21	19
26	21	22	22	20	19	19	20	19	19	21	20	19	20	19	19	19	19	20	22	22	23	23	23	23	21
27	23	22	22	22	24	26	24	22	22	22	22	22	23	23	25	25	25	27	29	30	29	30	29	27	25
28	27	27	27	31	29	31	29	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
29	19	19	19	19	19	19	20	20	21	20	21	20	21	20	21	19	22	23	21	19	20	19	19	19	20
30	19	19	19	19	19	19	20	20	21	20	21	20	21	20	21	19	21	20	20	20	20	19	19	18	20
MEAN	20	23	20	24	22	20	19	20	21	21	21	20	21	20	21	20	21	21	19	20	20	20	19	19	20

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	17	18	18	18	19	19	19	21	20	21	20	20	19	19	19	19	19	19	20	20	21	20	19
2	20	21	20	20	20	20	29	21	20	21	19	20	19	19	18	19	***	***	***	***	***	***	***	***	20
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	18	19	19	19	18	18	18	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	17	17	17	17	17	17	17	17	18	18	18	17	17	18	18	18	18	17	18	17	17	19	20	19	18
8	19	19	18	17	17	18	20	19	***	18	18	17	17	18	18	18	18	18	18	18	18	18	18	18	18
9	17	17	18	17	18	18	18	18	18	19	18	18	18	18	18	18	18	18	18	19	20	20	19	19	18
10	19	18	19	18	19	19	19	18	18	17	17	17	17	18	18	18	19	18	19	19	19	19	19	20	18
11	22	20	23	21	21	21	20	19	21	21	22	21	20	19	19	19	19	19	18	18	18	18	18	18	20
12	20	16	16	14	11	35	67	19	17	22	25	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	19	14	15	16	16	16	16	16	17	16	17	17	***	16	16	16	16	16	16	16	16	16	16
14	16	18	18	18	19	19	19	19	21	19	18	19	19	21	23	24	23	20	18	18	19	18	18	18	19
15	19	18	19	19	18	19	19	19	19	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18
16	17	17	17	17	17	17	18	19	19	17	17	18	17	17	17	18	18	18	18	20	19	19	19	19	18
17	19	19	20	19	18	19	18	18	18	19	18	17	17	17	17	17	17	16	17	17	18	18	18	19	18
18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	21	20	20	20	20	20	19
19	20	20	20	20	20	20	19	19	19	18	19	19	19	19	19	20	20	20	20	20	20	21	21	22	20
20	22	21	20	20	22	23	22	21	19	18	18	18	19	19	19	20	20	21	21	21	22	22	22	22	21
21	23	21	21	20	20	21	22	27	28	24	19	19	19	19	19	19	20	20	20	21	22	22	22	24	21
22	23	22	22	22	24	23	25	28	22	20	20	19	19	20	18	18	18	18	18	18	18	18	17	17	20
23	16	17	17	18	18	18	18	18	19	20	18	17	17	16	16	16	16	16	16	16	17	17	17	17	17
24	17	17	17	17	17	17	17	18	18	17	18	18	18	18	17	18	18	17	18	18	18	18	18	18	18
25	18	17	17	17	17	17	17	17	19	17	18	18	17	17	17	17	18	17	18	18	17	18	18	18	17
26	18	18	18	17	17	17	17	19	18	17	17	17	17	17	17	17	18	17	17	18	18	18	18	18	18
27	18	18	19	19	19	19	19	22	21	20	20	19	20	20	19	19	19	18	17	18	19	21	21	27	20
28	24	19	27	26	23	25	23	21	21	19	19	21	21	20	20	22	21	21	22	21	22	21	21	21	22
29	20	19	***	***	***	***	***	***	***	***	***	18	16	18	17	19	17	17	16	16	17	18	17	18	15
30	15	15	15	15	16	15	15	16	16	16	16	16	17	16	17	17	17	17	16	16	16	16	22	23	17
31	21	21	18	17	17	18	18	20	***	20	20	19	17	17	17	16	17	17	16	16	17	17	17	17	18
MEAN	19	18	19	18	18	20	21	19	19	19	19	18	18	18	18	18	18	18	18	18	19	19	19	19	19

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17
2	17	17	17	17	17	17	17	17	17	18	17	17	17	16	16	16	17	17	16	17	17	18	17	18	17
3	18	18	18	19	19	23	20	19	20	17	18	18	18	19	18	18	18	17	17	17	18	18	17	18	18
4	18	18	18	18	18	18	18	19	19	21	19	20	20	20	19	19	19	18	18	18	19	18	18	18	19
5	19	19	19	20	19	21	24	21	20	19	18	18	19	18	21	18	18	18	19	19	21	21	22	21	20
6	20	20	19	19	20	20	21	22	23	22	22	22	22	22	24	21	20	19	20	20	19	19	20	19	21
7	19	19	18	19	19	20	22	32	22	23	22	22	22	22	23	23	23	22	22	22	20	20	20	19	21
8	20	44	19	19	19	19	19	20	19	19	19	19	20	19	19	20	19	19	19	19	20	20	20	19	20
9	20	20	23	21	19	20	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	18	19
10	18	18	18	18	19	19	21	20	20	19	18	17	17	18	17	17	17	17	17	17	17	18	18	17	18
11	17	17	17	17	17	17	16	18	17	17	18	18	17	17	17	17	17	16	16	17	17	17	19	17	17
12	17	17	17	18	17	17	17	17	17	17	17	17	17	16	16	17	17	17	17	17	17	18	18	18	17
13	18	18	18	18	18	18	19	18	19	17	17	17	17	17	17	17	19	17	17	17	17	18	18	18	18
14	17	18	18	18	18	19	19	20	***	19	18	18	18	17	17	17	17	17	18	21	29	21	23	18	19
15	18	18	17	17	17	18	18	19	19	21	21	20	21	18	20	19	18	17	17	20	20	20	18	17	19
16	17	16	16	16	16	16	16	16	17	17	17	18	18	16	16	16	16	18	17	17	17	18	17	17	17
17	17	17	18	18	18	18	19	20	19	18	18	18	17	17	17	18	17	17	21	18	18	18	18	17	18
18	17	18	16	18	18	18	18	17	17	18	17	17	19	20	20	18	18	18	18	18	18	18	19	18	18
19	17	17	17	17	17	17	18	20	21	17	18	17	16	17	16	16	16	16	17	17	17	18	18	17	17
20	17	17	17	17	17	17	18	18	19	17	17	16	16	17	17	17	16	16	16	16	16	16	17	17	17
21	18	17	20	18	17	19	18	18	20	19	18	18	19	19	18	18	18	18	18	18	***	***	***	***	18
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN	18	19	18	18	18	18	19	19	19	19	18	18	18	18	18	18	18	18	18	18	19	18	19	18	18
PERCENTAGE OF DATA VALID -	69																								

UNITS - 0.1 PARTS/MILLION

MONTH OCT 74

13 14 15

PERCENTAGE OF DATA VALID - 87

UNITS - 0.1 PARTS/MILLION

MONTH NOV 74

13 14 15

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	24	21	21	20	21	21	22	21	21	21	21	20	20	20	20	19	20	20	20	20	20	20	20	21
2	20	20	20	20	19	19	19	19	19	19	19	18	18	19	20	20	21	20	20	21	20	20	20	20	20
3	20	19	19	19	19	20	20	20	20	20	20	19	19	19	19	19	20	20	18	18	18	18	18	18	19
4	19	18	18	18	18	19	19	20	20	20	20	19	19	19	20	21	23	30	28	25	22	22	25	24	21
5	22	23	20	20	19	23	21	28	31	23	19	19	18	18	18	20	20	24	21	20	19	19	20	20	21
6	19	19	19	19	19	19	20	23	23	25	21	19	19	18	19	20	21	20	20	19	19	18	18	19	20
7	20	19	19	19	19	19	21	23	25	28	28	27	27	28	27	29	28	26	24	24	24	23	23	23	24
8	22	22	22	23	21	20	20	20	19	18	19	19	19	18	18	18	18	18	18	18	18	18	18	18	19
9	18	17	17	17	17	18	18	18	19	18	19	19	18	18	18	18	19	19	21	21	19	19	18	20	18
10	21	19	19	18	19	19	19	20	25	23	20	19	18	18	18	18	18	19	19	19	19	19	19	18	19
11	18	18	18	18	19	19	20	22	24	24	27	46	20	19	19	20	18	17	17	17	17	17	17	18	20
12	19	18	18	20	20	20	22	22	23	23	20	18	19	17	14	14	19	16	14	14	13	13	13	14	18
13	13	13	13	13	13	14	14	14	14	14	14	14	13	14	14	14	15	15	15	15	15	15	15	14	18
14	14	15	15	15	15	15	16	16	15	14	15	16	15	14	14	14	15	15	15	15	14	14	14	15	15
15	14	14	13	13	13	12	12	12	12	12	13	12	11	12	12	12	12	11	11	12	11	11	11	11	12
16	11	11	11	11	11	12	12	13	14	15	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
17																									
18	19	18	19	18	19	19	19	20	22	22	21	21	22	21	21	21	27	26	22	22	21	21	21	20	21
19	20	19	19	19	20	20	21	21	22	21	22	21	23	22	22	22	23	24	23	22	22	23	22	22	21
20																									
21	21	21	21	19	20	20	21	22	23	23	22	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
22																									
23	21	20	20	21	21	21	22	23	23	22	22	26	23	21	20	19	19	19	21	21	21	20	20	20	20
24	21	20	21	21	22	21	20	20	21	21	21	20	22	22	21	22	23	22	23	20	20	22	20	20	21
25	21	20	21	21	22	21	20	20	21	21	21	20	20	21	21	22	22	24	24	24	25	25	33	37	53
26	43	27	29	26	24	24	23	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
27	11 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	22	21	23	23	22	22	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
28																									
29																									
30	21 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	22	22	22	23	23	23	23	23	0 0 0 0
31	23	23	23	22	21	22	24	23	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
MEAN	20	19	19	19	19	19	19	20	21	20	20	21	19	19	19	19	20	20	20	20	19	19	20	20	20

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - TOTAL HYDROCARBONS

UNITS - 0.1 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	16	20	28
FEB	18	17	21	26
MAR	12	18	19	23
APR	29	20	55	140
MAY	29	19	22	67
JUN	21	18	21	44
JUL	DATA MISSING			
AUG	24	18	22	34
SEP	28	18	21	39
OCT	30	13	21	39
NOV	28	21	30	47
DEC	27	20	24	53
YEAR	269	18	55	140

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - TOTAL HYDROCARBONS

UNIT - 0.1 PARTS/MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	32	345	41	0	0	0	0	0	418
FEB	0	260	45	0	0	0	0	0	305
MAR	0	263	17	0	0	0	0	0	280
APR	0	419	163	11	7	3	0	0	603
MAY	0	479	155	1	1	0	0	0	636
JUN	0	409	88	2	0	0	0	0	499
JUL	DATA MISSING								
AUG	2	445	93	1	0	0	0	0	541
SEP	0	514	103	2	0	0	0	0	619
OCT	259	327	59	5	0	0	0	0	650
NOV	8	208	390	20	0	0	0	0	626
DEC	0	258	268	6	0	0	0	0	532
YEAR	301	3927	1422	48	8	3	0	0	5709

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71	7	12.5	16.4	17.5	18.7	21.5	23.5	26.7	30.3	140	18.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
2	3	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	4	5	4	4	5	4	5	6	3
3	5	4	3	4	4	3	3	3	4	4	4	3	3	4	3	3	3	3	3	4	3	3	3	4	3
4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	5	4	4	5	3
5	6	6	5	5	5	4	5	5	5	5	5	6	6	5	5	6	7	8	9	8	7	7	6	6	6
6	6	7	5	5	5	5	5	5	5	5	4	4	3	4	3	4	4	5	6	6	6	6	6	5	5
7	5	4	4	4	4	4	5	5	5	5	4	4	3	3	3	3	3	3	3	3	3	3	2	2	4
8	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3	4	5	2	2	2	2	2	2	2	3
9	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3
10	2	2	2	2	2	2	3	3	4	4	5	5	4	4	4	4	5	6	6	5	4	3	3	3	4
11	3	4	4	3	2	2	2	3	4	4	4	4	3	2	3	3	3	3	3	3	3	3	3	3	4
12	2	3	3	2	4	1	1	1	1	2	2	2	3	2	3	3	3	4	4	3	3	3	4	4	3
13	3	3	3	3	3	3	4	4	4	5	5	6	6	6	5	5	4	3	3	3	2	3	3	3	4
14	2	2	2	2	2	3	4	4	3	3	3	4	4	4	4	4	5	5	5	5	4	3	2	2	3
15	2	2	2	2	2	3	4	4	3	3	3	4	4	4	4	4	4	4	4	3	3	2	2	2	3
16	3	3	4	4	5	6	6	6	6	5	6	6	5	3	3	3	4	6	6	5	3	3	2	2	4
17	2	1	1	1	1	1	1	4	3	3	2	1	1	3	2	2	3	3	2	2	1	1	1	1	2
18	0	0	0	2	1	1	1	1	1	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	2	2	1	1	1	2	2	2	3	3	2	3	3	2	3	3	3	3	4	4	3	3	3
20	3	3	3	3	4	3	2	2	1	1	2	2	2	2	3	3	2	3	3	3	2	3	3	3	3
21	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2
22	1	3	2	1	2	2	2	2	2	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3
24	4	3	4	5	5	5	5	5	5	5	6	7	7	6	5	6	6	6	6	6	6	6	6	5	5
25	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	6
26	5	5	4	4	4	4	4	4	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	2	3
27	3	2	2	2	2	2	2	2	2	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3
28	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
29	3	2	2	2	2	2	2	3	4	4	4	4	4	5	6	5	4	4	4	4	4	4	4	4	4
30	3	4	5	4	4	5	5	5	5	6	6	7	7	8	9	9	8	7	6	5	5	5	5	5	6
31	5	5	5	5	5	5	6	5	4	3	2	2	3	3	3	3	4	3	3	3	3	2	2	2	4
MEAN	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	4	4	3	3	3	2	2	2	3
2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	4	3	2	2	3	3	2
3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	1	2	1	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	2	1	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	2	1	1	0	1
9	0	1	1	0	0	0	1	1	1	1	0	0	1	1	1	0	1	1	2	1	2	2	2	2	1
10	3	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	1	1	1	1	0	2	2
11	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	6	7	7	7	7	6	6	4	4
12	6	6	6	6	6	6	5	5	4	5	5	6	6	5	6	6	6	6	6	6	6	6	6	6	6
13	6	6	6	6	6	6	6	6	5	5	4	4	4	3	3	3	3	3	2	2	3	3	2	2	4
14	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	1	1	2	1	1
15	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4	3	2
16	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
18	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	1	1	0	0	1	2	1	2	2	2	3	3	3	3	3	3	3	4	1	1	5	5	5	4	3
21	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	2	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2
23	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
25	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	3	3	3	2	2	2
26	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
27	10	16	4	6	15	3	2	2	2	2	3	3	3	4	4	4	7	5	4	4	4	4	4	4	5
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	0	1	1	0.000	0.000	0.000	1	2	1	2	2	2	1	1	2	2	1	1	1
2	1	1	1	1	1	1	1	1	0.000	2	2	1	2	2	2	2	3	3	2	2	2	2	4	1	2
3	2	2	2	2	1	1	1	1	0.000	1	1	1	2	3	2	3	3	4	4	4	4	4	2	2	2
4	1	1	1	1	1	2	2	2	0.000	3	2	3	3	2	2	2	2	2	2	2	0.000	0.000	0.000	0.000	0.000
5	1	1	1	1	1	1	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
7	2	2	2	2	2	2	2	2	0.000	2	1	3	4	3	3	4	4	4	4	3	3	3	3	3	0.000
8													DATA MISSING												
9	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1
11	2	2	2	2	2	2	2	2	0.000	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	2
12	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	1	0	0	0	0	0	0	1	0.000	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	2	2	1	1	1	1	1	1	2	0.000	0.000	2	2	2	3	2	3	3	3	3	3	3	3	3	
15													DATA MISSING												
16	2	2	2	2	2	2	2	2	3	0.000	3	3	3	2	2	2	3	0.000	0.000	0.000	0.000	0.000	0.000	2	
17													DATA MISSING												
18													DATA MISSING												
19													DATA MISSING												
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	3	4	3	2	2	2	2	2	2	
21	2	2	2	1	1	1	1	2	2	0.000	2	3	2	2	3	3	3	3	2	2	3	3	2	2	2
22	2	2	2	2	2	2	2	2	2	0.000	2	3	2	2	3	3	4	4	5	4	4	4	4	3	
23	2	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	
24	2	2	2	2	2	1	2	2	2	0.000	3	3	2	2	1	1	1	1	2	3	2	2	3	2	
25	3	3	3	2	2	2	2	2	3	0.000	3	3	3	3	4	4	4	6	5	5	5	5	5	4	
26	5	5	5	5	5	5	4	4	0.000	0	4	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
27	2	2	2	2	2	2	2	3	3	0.000	0.000	2	2	2	2	3	3	3	4	3	3	3	3	3	
28	3	2	2	1	1	1	1	1	1	0.000	1	1	1	1	1	2	1	2	2	1	1	1	1	1	
29	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	
31	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
MEAN	2	2	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1
2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	3	4	4	5	5	5	5	4	4	2
3	3	3	3	3	2	2	2	2	2	0.000	2	2	2	3	3	2	2	2	1	1	1	1	1	1	2
4	1	2	2	2	2	1	1	2	4	4	5	4	2	3	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	2	2	2	0.000	0.000	2	2	2	2	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	2
7	4	5	4	4	4	4	3	3	3	2	2	1	1	2	2	2	2	2	2	2	1	1	2	2	2
8	2	2	2	2	2	2	2	2	2	0.000	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2
9	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10												DATA MISSING													
11	4	4	3	3	3	4	3	3	0.000	3	3	4	4	3	3	4	3	3	3	3	2	2	2	2	3
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	3	3	3	3	3	3	3	3	4	3	3	4	2	2	1	1	1	1	2	2	3	3	3	3	3
14	3	3	2	2	2	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
15												DATA MISSING													
16												DATA MISSING													
17	3	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	
18	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	1	1	1	1	1	1	1	1	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	1	2	3	3	2	3	3	3	4	4	3	3	3	3	3	3
21	3	2	2	2	2	2	2	2	3	3	5	5	4	4	4	4	4	4	5	5	6	5	5	5	4
22	5	5	5	4	4	3	3	3	3	3	3	3	3	3	5	5	5	4	3	2	2	1	1	1	3
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	1	
25	3	3	3	2	2	2	2	2	3	2	4	5	4	4	4	3	2	2	3	5	5	5	4	4	3
26	5	4	4	4	4	4	4	4	0.000	0.000	0.000	4	3	2	2	2	3	4	4	4	6	7	7	4	
27	7	7	6	6	6	5	4	3	3	0.000	1	1	1	3	4	3	3	1	1	1	1	2	2	3	3
28	3	2	3	3	3	3	3	5	4	4	1	2	2	2	1	2	4	4	4	4	3	3	3	3	
29	3	2	2	3	3	3	3	3	3	0.000	1	1	1	0	1	1	1	1	1	1	1	1	3	4	2
30	3	3	2	1	1	1	2	0.000	0.000	4	5	5	4	3	3	3	2	2	2	2	2	1	2	3	3
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	1	****	****	****	2	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
2	2	1	1	1	2	2	****	2	1	1	1	1	0	0	0	0	1	1	1	1	1	3	3	3	1
3	1	1	1	1	1	1	1	2	****	****	****	1	3	1	2	2	1	1	1	1	1	1	1	1	1
4	2	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
5	1	1	1	1	1	2	1	1	****	1	1	2	3	3	3	2	2	2	2	2	2	1	1	1	2
6	1	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
7	1	2	1	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	2	4	4	4	4	3	2
8	3	3	2	2	2	2	3	****	2	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
10	2	2	2	2	2	2	3	4	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2
11	2	3	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	2	3	1
12	4	4	3	3	3	3	3	3	3	3	3	3	2	1	1	0	0	0	0	1	1	1	1	0	2
13	0	0	0	0	0	0	1	1	****	****	****	1	1	2	2	2	2	3	3	3	3	2	2	2	1
14	2	1	1	1	1	1	2	2	****	****	****	4	5	6	5	2	1	1	4	4	7	5	4	5	3
15	5	2	3	4	4	1	1	****	****	****	****	1	1	1	1	1	1	1	2	****	****	2	2	2	2
16	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	1	1	1	1	1	1	****
17	2	3	3	3	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
18	2	2	2	2	1	1	1	****	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	1	2
19	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2
21	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	5	4	****	3	3	4	5	4	4	****
22	4	4	4	4	4	4	4	4	4	2	3	2	4	4	4	2	2	1	1	2	2	2	2	1	3
23	1	1	1	1	1	2	3	****	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1
24	2	2	1	1	2	2	2	****	****	****	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1
26	2	3	2	1	2	2	2	1	****	0	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
27	3	3	****	3	3	3	3	****	1	1	1	1	1	1	1	1	1	1	1	3	4	5	6	5	2
28	4	4	4	4	4	5	6	****	6	4	4	4	4	5	3	2	2	2	1	1	1	2	4	5	4
29	4	4	3	3	3	3	3	****	1	1	2	2	2	2	1	1	1	0	1	1	1	2	2	3	2
30	2	1	2	****	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
31	2	1	0	0	0	1	1	****	3	4	3	1	1	1	1	2	1	1	1	1	1	2	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	1	1	2	3	****	2	2	1	1	0	0	0	1	1	0	0	1	2	3	3	3	1
2	3	3	2	2	2	2	2	****	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1
3	1	1	1	1	2	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	6	4	3	3	4	4	3	2	1	1	1	0	****
5	0	1	1	1	1	1	2	****	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	1	1	2	****	****	****	1	1	1	1	1	1	1	0	1	2	1	1	2	2	1
7	1	2	2	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1
8	2	3	5	2	0	1	2	3	2	1	1	2	3	4	3	3	3	3	4	4	3	2	2	1	2
9	2	2	4	5	2	1	1	1	0	2	2	2	3	3	3	3	3	4	3	5	6	4	4	4	3
10	3	4	3	3	3	3	2	2	3	4	4	3	4	4	3	2	6	2	4	5	4	2	2	1	3
11	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	2	1	1	2	5	5	3	3	2	2
12	1	1	2	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1
13	1	2	3	4	4	4	4	4	3	3	3	2	2	1	2	3	2	2	4	3	3	2	3	2	3
14	2	2	1	1	3	5	4	****	****	****	3	4	4	4	4	4	4	4	5	2	1	2	2	1	3
15	0	1	1	1	2	4	1	****	2	4	3	3	4	2	4	1	1	3	3	4	6	5	4	3	3
16	3	3	3	3	2	2	2	****	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	1
17	0	0	0	0	0	0	1	****	1	2	3	3	3	3	3	2	4	4	3	3	4	4	2	1	2
18	1	1	1	2	2	2	2	****	3	3	4	5	5	4	1	1	1	4	3	3	3	3	5	4	3
19	2	2	2	1	0	1	3	****	****	****	****	****	2	2	4	5	4	5	5	6	5	4	5	5	3
20	5	4	3	3	1	2	3	****	6	5	2	2	3	3	3	3	2	4	3	3	3	4	3	2	3
21	1	1	1	1	2	3	4	****	4	4	3	3	3	3	2	2	2	2	2	2	3	3	4	5	3
22	5	3	1	0	1	2	3	****	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
24	1	0	0	1	1	1	1	****	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	2	2	1	1	2	****	1	1	1	1	1	1	2	1	1	2	1	2	****	****	1	****	1
26	2	1	1	4	4	2	3	****	2	2	2	3	2	2	2	1	1	1	2	3	4	4	5	5	2
27	3	1	4	4	3	3	3	****	3	3	3	3	3	3	3	3	3	2	1	2	1	2	3	3	3
28	1	3	1	1	1	3	4	****	2	1	2	2	3	3	2	2	2	2	1	1	2	2	3	3	3
29	2	4	4	3	3	3	4	****	2	1	2	2	3	3	1	1	1	1	1	3	6	5	5	5	2
30	5	6	6	4	5	6	2	****	3	3	3	2	1	0	0	0	0	0	1	1	2	2	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	3	3	***	2	1	1	1	1	1	1	1	1	1	1	3	4	5	5	5	2
2	6	6	5	5	5	5	5	***	4	3	5	4	3	4	5	4	3	5	2	3	3	4	7	6	4
3	3	6	1	2	3	2	2	***	0	1	1	1	3	3	4	4	3	4	3	4	6	7	7	7	3
4	7	6	5	3	0	2	4	***	4	4	4	3	5	3	3	0	0	0	0	0	1	1	1	2	3
5	1	1	1	2	0	1	1	***	***	***	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2
6	3	3	3	3	3	2	3	***	3	2	3	2	1	1	1	1	3	2	3	5	4	4	5	4	3
7	3	3	2	2	3	3	4	***	2	6	6	5	3	3	1	1	1	0	1	2	4	6	7	6	3
8	5	3	5	4	4	5	4	***	2	2	2	1	1	1	1	2	1	1	1	2	4	5	5	4	3
9	4	4	5	5	4	4	4	***	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2
10	0	1	0	0	0	1	2	***	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
11	0	0	0	0	0	0	1	***	0	0	1	0	1	1	1	***	***	***	0	1	1	1	1	0	0
12	0	0	1	1	0	1	1	***	1	***	***	2	2	2	2	2	2	1	2	2	5	5	5	6	2
13	5	4	4	4	5	6	5	***	3	2	3	2	1	1	1	2	2	3	2	2	4	7	6	3	3
14	3	3	3	3	3	2	2	***	0	0	0	1	2	2	1	2	1	1	2	2	3	2	2	1	2
15	1	0	1	0	0	1	1	***	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0
16	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	0	0	0	2	2	2	1
17	2	4	3	3	3	3	4	***	4	4	4	5	5	5	5	3	2	1	1	2	1	3	2	1	3
18	0	1	2	5	5	6	6	***	5	6	***	2	3	2	1	2	2	1	1	1	1	1	1	2	3
19	2	1	2	0	1	1	1	***	1	2	1	1	2	2	2	2	2	1	1	2	2	1	1	1	1
20	0	0	0	0	0	0	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	***	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	1
22	3	3	2	2	1	2	3	***	3	2	3	3	3	3	3	4	3	2	2	2	2	1	1	1	2
23	0	1	1	0	0	1	4	***	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2	2	2
24	1	2	1	1	2	2	3	***	2	2	***	***	1	1	1	1	1	2	1	1	2	2	4	4	2
25	4	3	3	3	2	2	3	***	1	1	1	2	3	3	3	4	4	3	2	1	2	2	2	2	2
26	1	1	1	0	1	1	2	***	1	1	2	3	2	2	1	2	3	4	6	2	2	1	2	2	2
27	2	3	4	2	2	4	6	***	4	3	3	2	2	1	1	1	2	2	2	2	3	3	3	2	3
28	1	2	2	2	2	2	3	***	2	2	2	2	1	1	0	0	1	1	1	2	1	2	5	4	2
29	4	3	5	4	4	3	***	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2
30	2	2	1	1	1	1	2	***	1	1	2	2	1	1	1	1	1	1	1	2	1	1	2	3	1
31	1	2	1	1	1	2	2	***	1	1	1	1	1	1	1	1	2	1	1	2	3	3	2	2	1
MEAN	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	***	2	2	1	1	2	3	3	4	4	***	***	***	***	***	***	***	2
2	***	***	***	***	***	***	***	***	***	***	***	2	4	3	2	2	1	1	2	2	4	4	5	4	***
3	2	2	2	1	2	2	2	***	4	3	4	3	3	3	2	2	3	4	4	3	2	3	5	4	3
4	2	3	2	3	3	3	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	***	1	1	1	0	0	0	0	0	0	0	1	1	2	3	3	2	1
6	2	2	2	4	5	4	3	***	***	***	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	***	0	***	1	1	1	2	2	2	2	1	1	3	5	4	2	3	1
8	1	1	1	1	1	2	3	***	2	3	3	3	4	3	2	2	2	2	2	2	3	2	2	2	2
9	2	2	1	1	1	2	4	***	***	***	1	2	2	2	2	2	1	1	1	1	2	2	2	1	2
10	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	0	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	2	2	3	3	2	2	2	***	***	1	1	1	2	2	1	1	1	1	1	2	2	3	3	2	2
13	2	4	5	4	3	4	4	***	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	2	2
14	0	0	0	0	0	0	1	***	0	0	1	1	1	0	0	0	0	0	1	1	1	1	2	2	1
15	2	2	1	1	1	1	1	***	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	1
16	3	2	2	1	2	1	2	***	***	5	3	3	3	2	3	4	6	2	3	3	4	3	5	2	3
17	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1	1
18	2	2	1	1	1	1	1	***	2	2	3	1	0	0	0	0	0	0	1	3	5	4	4	3	2
19	3	3	1	2	2	2	2	***	***	***	2	2	2	2	2	2	1	1	2	2	4	5	6	3	2
20	3	2	2	3	2	3	5	***	***	4	4	4	2	2	2	2	3	2	5	2	2	2	2	1	3
21	1	1	1	1	1	1	3	***	7	7	5	3	3	4	4	4	3	1	1	1	2	2	2	1	3
22	1	1	1	1	1	2	4	***	3	4	4	4	3	3	4	3	4	4	1	1	2	2	3	5	3
23	5	4	4	3	3	3	4	***	3	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2	2
24	2	2	1	1	0	0	1	***	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
25	2	2	2	2	1	1	1	***	0	0	0	1	1	1	1	1	1	1	1	1	2	4	3	1	2
26	2	3	3	1	3	4	4	***	6	7	5	6	4	6	3	4	8	9	7	5	3	4	6	6	5
27	4	1	1	1	2	2	2	***	2	3	3	2	1	1	2	2	2	1	1	3	3	4	3	2	2
28	3	3	3	2	2	2	3	***	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
29	1	1	1	1	1	2	2	***	***	***	***	2	3	3	2	2	2	2	3	4	5	6	4	4	3
30	2	3	3	2	2	2	3	***	2	1	2	2	3	5	3	4	5	6	5	5	4	3	5	7	3
31	6	5	3	4	4	2	2	***	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	2
MEAN	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1
3	1	1	1	1	0	1	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2	1	1
4	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	2	2	2	3	2	1
5	2	2	2	2	2	2	2	2	4	2	1	1	1	1	1	1	1	1	3	2	2	2	2	3	2
6	3	2	2	2	1	1	2	2	2	2	1	2	2	2	2	3	2	2	2	4	5	6	5	5	3
7	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	2	3	4	2
8	3	5	5	4	3	2	4	2	4	4	4	2	1	1	1	2	2	2	2	4	5	7	4	4	3
9	4	3	3	2	3	5	5	2	3	4	3	3	2	2	4	3	3	3	5	6	6	7	7	7	4
10	3	3	4	3	3	4	5	2	7	6	6	4	3	3	3	3	4	3	2	3	3	3	3	2	4
11	2	2	3	3	3	3	3	2	3	3	4	3	4	4	3	4	3	3	3	4	5	5	5	3	3
12	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3	3	2	1	2	3	2
13	4	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
15	2	3	4	4	3	3	3	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	1	1
17	1	2	1	1	2	2	3	2	2	1	1	1	1	1	2	3	2	2	1	1	1	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	3	1	1	1
19	1	1	2	2	2	2	2	2	6	6	6	5	4	4	4	5	7	2	1	2	3	4	1	0	3
20	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
21	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1
23	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	4	3	2	1	1	1	2
24	2	3	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	4	4	4	4	2	3	4	2
25	6	5	5	6	5	5	4	3	2	2	2	2	2	2	2	3	2	3	3	4	5	5	5	4	4
26	4	3	3	4	4	4	4	4	7	8	9	7	7	7	7	7	2	3	5	5	5	6	6	7	5
27	5	5	5	6	6	5	5	5	5	5	5	6	6	6	6	4	5	2	2	5	3	2	2	2	4
28	1	1	1	3	4	3	3	2	4	5	4	4	3	3	5	2	2	1	2	2	1	2	3	4	3
29	4	3	3	2	2	3	2	2	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1
30	1	1	1	1	2	2	2	3	3	3	5	5	5	5	4	2	2	1	2	2	2	2	2	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	0	1
2	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	1	1
3	1	1	1	1	0	1	2	2	4	3	2	1	0	0	0	0	5	4	4	4	4	3	3	3	2
4	4	3	4	4	3	3	4	4	5	5	5	4	5	6	5	5	5	3	3	3	4	5	6	5	4
5	5	5	5	5	5	5	5	6	6	6	6	7	6	6	7	7	9	9	8	7	8	8	8	8	7
6	8	6	5	5	5	6	5	4	5	6	6	5	5	6	7	7	9	8	9	3	1	1	1	1	5
7	1	1	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8																									
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30																									
31																									
MEAN	3	2	2	2	2	3	3	4	4	4	4	3	3	4	5	4	5	5	5	4	3	3	4	3	3

PERCENTAGE OF DATA VALID - 19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	6	9
FEB	27	2	6	16
MAR	26	2	4	6
APR	27	2	4	7
MAY	31	2	4	7
JUN	30	2	3	6
JUL	31	2	4	7
AUG	31	2	5	9
SEP	30	2	5	9
OCT	7	3	7	9
YEAR	271	2	7	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - 0.01 PARTS/MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	54	359	233	20	0	0	0	666
FEB	188	252	83	7	0	2	0	532
MAR	216	273	41	0	0	0	0	530
APR	220	296	94	5	0	0	0	615
MAY	376	244	63	1	0	0	0	684
JUN	286	270	105	0	0	0	0	661
JUL	320	268	108	7	0	0	0	703
AUG	320	269	89	7	0	0	0	685
SEP	289	266	112	13	0	0	0	680
OCT	53	26	50	17	0	0	0	146
YEAR	2322	2523	978	77	0	2	0	5902

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.3	0.8	1.4	2.3	3.9	4.8	5.8	6.4	16	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	1	1	1	0.000	1	1	2	1	1	2	2	2	3	3	2	2	2	2	2
2	3	3	3	3	3	3	2	2	3	0.000	3	3	3	2	2	2	0.000	0.000	3	3	4	4	3	3	3
3	3	3	3	3	3	3	2	2	3	0.000	2	2	3	2	2	2	2	3	3	3	2	2	2	2	2
4	3	3	3	3	3	3	2	2	3	0.000	3	3	3	2	2	3	3	4	4	4	4	4	3	4	3
5	3	3	3	3	3	3	3	3	3	0.000	4	3	4	4	4	5	5	5	4	4	4	4	4	4	4
6	4	4	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	4	3	3	4	4	3	3	3
7	4	4	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3
8	3	3	2	2	2	2	2	2	2	0.000	3	3	2	2	2	2	3	4	3	3	2	2	2	3	3
9	3	2	2	2	2	2	2	2	2	0.000	3	1	2	2	2	2	2	3	3	3	2	2	2	3	3
10	3	3	3	3	3	3	3	3	3	0.000	3	3	2	2	2	2	2	3	3	3	4	4	3	3	3
11	3	2	2	2	1	1	1	1	2	0.000	2	2	1	1	2	2	3	3	3	4	5	4	4	3	2
12	3	3	3	3	2	2	2	2	2	0.000	2	2	1	1	1	1	2	2	3	3	3	3	3	3	2
13	3	2	2	2	2	2	2	2	2	0.000	2	3	3	3	3	4	4	3	3	3	3	2	3	3	3
14	3	2	3	3	2	2	3	3	4	0.000	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	2	2	3	3	3	0.000	2	2	3	3	3	3	3	3	2	2	2	2	2	3	3
16	2	2	2	2	2	2	2	3	3	0.000	3	3	3	3	3	4	4	4	5	5	4	3	2	3	3
17	2	2	2	2	2	2	2	2	2	0.000	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1
18	1	1	1	1	1	1	1	1	2	0.000	2	2	3	3	3	4	0.000	0.000	2	2	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	0.000	2	1	2	2	2	2	2	3	3	3	3	3	4	2	2
20	4	4	4	3	2	3	2	2	2	0.000	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2
21	2	2	2	2	2	2	3	3	3	0.000	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	1	1	2	0.000	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	0.000	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	0.000	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
25	3	3	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	2	2	2	2	2	2	2	2	0.000	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	2	0.000	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
31	2	2	2	2	2	2	2	2	2	0.000	2	2	2	1	1	1	0.000	0.000	2	2	2	2	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1
2	2	3	3	2	2	1	1	1	1	0.000	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	0.000	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
4	3	3	3	3	3	3	3	3	3	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	3	3	3	3	3	3	3	3	3	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	3	3	3	3	3	3	3	3	3	0.000	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
7	1	1	1	1	1	1	1	1	2	0.000	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	2	2	2	2	3	3	3	0.000	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	2	2	2	2	2	0.000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
10	4	4	3	3	3	3	3	3	2	0.000	3	3	2	2	3	3	3	2	2	2	2	2	2	2	3
11	1	1	1	1	1	1	1	1	1	0.000	2	2	1	2	3	3	3	3	3	3	3	3	3	3	3
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	3	4	3	3	3	3	3	3	3	0.000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	2	2	2	2	2	2	3	3	3	0.000	3	3	3	3	3	2	2	2	3	3	4	4	4	3	3
16	3	3	3	3	3	3	2	2	2	0.000	3	2	2	3	3	3	3	3	2	2	3	4	4	2	3
17	2	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
18	2	2	2	2	2	3	3	3	3	0.000	2	2	1	1	1	2	2	2	2	2	2	3	3	4	2
19	3	3	3	3	2	2	3	3	3	0.000	3	3	3	3	3	3	3	2	2	2	2	2	2	1	3
20	1	1	1	1	1	1	1	1	2	0.000	2	2	1	1	2	2	3	5	5	5	5	5	4	4	2
21	4	3	3	3	3	3	3	3	3	0.000	3	3	3	3	3	3	4	3	4	4	4	3	3	3	3
22	3	3	2	2	2	2	2	2	3	0.000	3	3	2	2	2	2	2	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1
24	1	2	2	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
26	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	3	3	4	4	3	3	3	3	3	2
27	2	2	2	2	2	2	2	2	2	0.000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
28	- DATA MISSING -																								
MEAN	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	2	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1
13	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	1	2	1	1	1	1	2	2	0.0000	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2
15	3	3	3	3	2	1	1	2	2	0.0000	2	2	2	2	2	2	0.0000	3	3	3	3	3	3	3	2
16	3	3	2	2	2	2	2	2	2	0.0000	3	2	2	2	2	3	3	3	2	1	2	2	2	2	2
17	2	2	2	2	2	2	2	2	1	0.0000	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
18	1	1	1	1	1	1	1	2	2	0.0000	2	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
19													- DATA MISSING -												
20	2	2	2	2	1	1	2	2	2	0.0000	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
21	1	2	2	2	1	1	1	2	2	0.0000	2	2	2	2	2	2	1	1	1	2	2	0.0000	2	2	2
22	2	2	2	2	1	1	2	2	2	0.0000	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2
23	2	2	1	1	1	2	2	1	1	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
25													- DATA MISSING -												
26	3	3	3	3	3	3	3	3	3	0.0000	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3
27	2	2	2	3	3	3	3	3	3	0.0000	2	2	2	2	1	2	3	3	3	4	3	4	3	3	3
28	2	3	3	2	2	1	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
29	1	1	1	1	1	1	1	2	2	0.0000	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
30	2	2	2	2	2	2	2	2	2	0.0000	2	2	3	2	2	2	2	3	3	3	3	3	2	2	2
31	2	2	1	1	1	1	1	1	1	0.0000	1	1	2	1	1	2	2	2	2	2	3	2	2	2	2
MEAN	2	2	2	2	2	1	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	0.0000	2	2	2	3	2	3	3	3	4	3	2	2	3	3	2
2	2	2	2	2	2	2	2	2	2	0.0000	2	2	2	2	2	3	4	5	4	4	4	3	2	3	3
3	2	1	2	2	2	2	2	3	2	0.0000	3	2	3	3	3	3	4	4	4	3	3	2	2	2	3
4	2	2	2	2	1	1	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	3	3	3	2	2	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	1	1	1	2	2	0.0000	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	2	2	2	2	2	2	2	2	0.0000	2	1	1	1	1	1	1	2	3	5	5	4	4	4	2
11	5	4	4	3	3	3	3	4	4	0.0000	4	4	4	4	3	4	4	4	4	5	5	4	3	3	4
12	2	1	2	2	3	3	3	4	4	0.0000	3	3	3	3	2	2	2	2	2	2	2	3	3	2	2
13	2	3	3	4	3	3	3	3	3	0.0000	2	2	3	3	2	3	3	3	4	4	3	4	2	3	3
14	3	3	3	3	2	2	2	2	2	0.0000	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
16	2	3	2	2	2	2	2	2	2	0.0000	1	1	0.0000	1	1	2	2	2	2	2	2	3	3	2	2
17	3	2	2	2	2	2	3	3	2	0.0000	2	2	2	2	2	2	2	2	2	4	5	4	3	3	3
18	3	2	2	3	3	3	3	3	2	0.0000	2	2	1	1	1	1	1	3	2	2	2	3	3	1	2
19	1	1	1	2	2	1	1	1	1	0.0000	1	1	1	1	1	0.0000	1	1	1	2	3	3	3	4	2
20	3	3	3	3	3	2	2	3	3	0.0000	2	2	3	3	3	3	4	5	5	5	5	4	4	4	3
21	3	3	3	3	3	3	3	2	3	0.0000	3	2	3	2	2	2	1	1	1	1	2	2	3	3	2
22	4	4	4	3	4	3	2	2	4	0.0000	3	3	3	3	0.0000	0.0000	3	3	3	3	2	2	3	3	3
23	1	1	1	1	1	1	1	1	1	0.0000	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
25	2	3	3	3	2	2	2	3	3	0.0000	2	2	2	2	2	3	4	4	4	4	4	4	4	3	3
26	3	3	3	3	2	2	2	3	3	0.0000	3	2	2	2	2	2	2	2	2	3	3	3	4	3	3
27	5	4	5	5	4	4	4	4	4	0.0000	4	3	3	3	3	3	4	4	3	3	3	2	3	3	4
28	5	5	3	4	4	3	3	2	2	0.0000	1	1	1	1	1	1	2	2	2	3	6	3	2	4	3
29	3	2	2	1	2	3	3	3	3	0.0000	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	0.0000	3	2	3	3	4	4	4	3	3	3	2	2	2	1	3
MEAN	3	2	2	2	2	2	2	2	2	0.0000	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	2	0.000	2	0.000	0.000	0.000	0	0	1	1	1	1	1	2	2	2	1
2	2	2	2	2	2	2	2	2	2	0.000	2	2	2	1	2	2	1	2	2	2	3	3	3	3	2
3	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
4	2	2	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
5	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	1	1	0.000	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	1	1	1	1	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	2	2	2	2	0.000	1	1	1	1	0.000	0.000	2	2	1	2	2	2	2	2	2
11	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	3	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
13	1	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15	2	2	1	1	1	1	2	2	2	0.000	2	2	2	2	2	2	2	1	1	3	2	2	2	2	1
16	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	1	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	1	1	1	1	1	2	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
19	1	1	1	0	0	1	1	0	0	0.000	0	0	1	1	1	1	1	0	0	1	1	2	2	2	1
20	1	1	2	2	2	2	2	1	1	0.000	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	3	0.000	3	3	3	2	2	2	2	2	2	3	3	3	3	3	2
22	2	2	2	2	2	2	2	2	5	0.000	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2
23	1	1	1	0	0	1	1	2	2	0.000	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1
24	2	2	2	2	2	2	2	2	1	0.000	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
25	2	2	2	2	2	2	2	2	1	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	3	3	2	3	2	2	3	3	3	0.000	3	2	2	0.000	0.000	2	2	2	2	2	1	1	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	2	2	1	1	1	1	0.000	1	1	1	2	1	1	1	1	1	2	2	1	2	2	1
2	2	2	2	2	2	1	1	1	1	0.000	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	0.000	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	0	1	1	1	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	0.000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	0.000	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	0.000	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	2	0.000	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	2	0.000	1	1	1	1	0.000	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	0.000	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	0.000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	3	2	2	0.0000	2	1	1	0	1	1	1	1	1	1	3	3	3	3	2
2	3	3	3	3	3	3	3	3	2	0.0000	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
3	1	1	1	1	1	2	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	1	1	2	2	2	3	3	0.0000	2	2	1	1	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	0	0	0	1	1	0.0000	0.0000	0.0000	0.0000	1	1	1	1	1	1	1	1	1	1	1	1
6	3	2	2	1	1	1	2	2	2	0.0000	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2
7	2	2	2	2	3	2	2	3	3	0.0000	2	2	1	1	1	1	1	0	0	2	4	3	3	3	2
8	3	3	3	3	3	3	4	4	3	0.0000	3	2	1	1	1	1	2	2	2	1	2	2	2	2	2
9	1	1	1	1	1	2	2	3	3	0.0000	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	0.0000	1	1	0	0	0	0	0	0	0	0	0	3	3	0	1
11	0	0	0	0	0	0	0	1	1	0.0000	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0
12	1	1	1	1	1	1	1	2	3	2	2	1	1	0.0000	0.0000	1	1	1	1	1	2	2	3	3	2
13	2	3	3	3	2	3	4	3	3	0.0000	3	3	3	2	2	2	2	2	3	4	5	5	5	5	2
14	3	2	2	2	2	2	2	2	2	0.0000	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2
15	2	2	1	2	1	2	2	2	2	0.0000	3	2	3	2	2	2	2	1	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	0.0000	2	2	3	1	1	1	1	1	1	1	1	1	1	1	2
17	2	2	2	2	2	2	2	3	2	0.0000	3	2	3	3	0.0000	0.0000	0.0000	0.0000	0.0000	3	2	2	2	2	2
18	2	2	2	2	3	3	3	3	3	2	2	3	3	3	2	2	3	3	3	3	2	2	2	1	2
19	2	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20																									
21																									
22																									
23	2	2	2	2	2	2	2	2	3	0.0000	3	2	2	2	2	3	2	2	2	2	3	2	2	2	2
24	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1	1	1	1	0	1	1	1	1	1	1	0.0000
25	1	1	1	1	2	2	2	2	2	0.0000	2	2	1	1	1	1	0.0000	1	1	1	1	2	2	2	1
26	2	2	1	1	1	1	2	2	2	0.0000	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
27	2	2	1	1	1	4	5	3	2	0.0000	2	1	1	1	1	2	2	2	2	7	9	9	7	3	2
28	7	6	6	3	2	2	2	2	2	0.0000	1	1	1	1	1	1	0	1	1	2	3	4	4	2	2
29	3	4	3	3	4	3	3	2	2	0.0000	3	3	2	2	1	1	1	1	2	5	3	1	1	1	2
30	1	1	2	1	1	2	2	2	1	0.0000	1	1	1	1	2	3	2	2	2	3	2	1	1	2	2
31	2	2	2	2	1	1	2	2	2	0.0000	1	1	2	2	2	2	2	1	1	2	4	6	6	5	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	2	2	

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	1	1	1	2	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2	2	2	3	3	3	2	2	2	2
2	2	2	1	1	1	2	2	3	2	0.0000	2	2	2	2	2	2	2	1	1	2	2	1	1	0	2
3	1	1	1	2	1	2	3	1	2	0.0000	2	2	2	2	2	2	2	2	3	3	4	3	2	2	2
4	2	2	3	3	2	2	2	2	2	0.0000	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2
5	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	0.0000	2	2	2	2	2	3	3	2	2	2	3	6	4	2	2
7	2	2	2	2	2	2	2	3	3	0.0000	2	2	2	1	1	1	1	1	1	2	5	6	7	5	2
8	4	3	4	3	3	2	3	3	3	0.0000	4	5	4	3	3	2	1	1	1	2	3	3	2	2	3
9	2	2	2	2	2	2	2	3	3	0.0000	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2
10	2	2	1	1	1	1	1	1	1	0.0000	1	1	1	0	0	0	0	0	1	1	2	2	2	2	1
11	1	1	1	1	1	1	1	1	1	0.0000	2	2	1	1	1	1	1	1	2	3	3	3	3	3	2
12	2	2	2	2	2	1	2	0.0000	2	0.0000	2	2	3	3	3	3	4	3	3	5	8	7	9	4	4
13	4	4	3	4	4	3	4	4	4	0.0000	3	2	2	2	2	2	2	2	1	1	2	2	1	1	3
14	1	1	0	0	0	0	1	1	1	0.0000	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1
15	1	1	1	1	1	1	1	1	0.0000	2	2	2	2	2	3	3	3	2	3	3	4	4	4	6	2
16	3	3	3	3	3	2	2	3	3	0.0000	4	3	3	3	3	2	3	3	3	4	4	3	3	3	3
17	3	3	3	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	3	6	3	3	6	2
18	6	4	3	2	2	1	1	2	1	0.0000	1	1	1	1	1	1	1	2	3	3	3	4	3	2	3
19	2	2	1	1	1	2	5	3	3	0.0000	4	2	3	2	2	2	2	1	2	4	5	5	7	3	3
20	4	3	4	5	4	3	3	4	4	0.0000	3	3	4	3	3	4	5	5	4	4	4	4	6	4	4
21	6	5	5	4	5	5	5	5	5	0.0000	5	4	4	4	4	3	3	3	3	3	4	5	6	7	5
22	6	5	4	4	4	6	7	7	7	0.0000	4	4	4	3	3	3	3	3	3	4	5	3	4	3	4
23	6	5	4	4	4	6	7	7	7	0.0000	4	4	4	3	3	3	3	3	3	4	5	3	4	3	4
24	6	5	4	4	4	6	7	7	7	0.0000	4	4	4	3	3	3	3	3	3	4	5	3	4	3	4
25	4	3	3	3	3	3	3	3	4	0.0000	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	0.0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	1	2	3	3	0.0000	3	3	2	2	2	2	3	3	3	4	4	4	4	2	3
28	1	1	1	1	1	1	1	2	2	0.0000	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
29	2	2	2	2	1	1	1	2	2	0.0000	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2
30	2	2	2	1	1	1	2	2	2	0.0000	2	2	2	2	2	0.0000	3	3	4	4	6	5	4	5	3
31	4	3	2	1	1	2	2	2	2	0.0000	2	2	1	1	1	1	1	1	1	2	2	2	3	2	2
MEAN	3	2	2	2	2	2	2	3	2	0.0000	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	2	2	2	1	1	1	1	0	0	0	1	1	1	1	2	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	1	1	2
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2
4	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
5	2	2	1	1	2	2	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6																									
7																									
8																									
9																									
10																									
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	3	4	4	3	1
12	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	4	3	2
13	5	3	2	2	2	4	4	4	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2
14	2	2	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3
15	3	3	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
16	1	1	2	2	2	2	2	3	3	3	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3
17	3	3	3	2	2	3	3	3	3	3	3	3	2	2	3	3	3	4	4	3	2	2	2	2	2
18	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	3	1
19	3	2	2	2	2	2	3	4	4	4	4	3	3	2	2	2	2	4	4	4	4	5	5	4	3
20	4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
22	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	3	3	3
25	3	3	3	3	2	3	3	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3	3
27	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	3	4	3	4	5	5	4	4	3	3
28	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29																									
30																									
MEAN	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	2
4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
6	4	3	3	3	2	2	3	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	3
9	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3
11	3	3	2	3	2	2	2	2	2	2	3	3	4	4	4	5	5	7	8	7	6	6	7	6	4
12	4	3	3	2	2	3	3	3	3	3	3	2	3	3	3	3	3	1	1	1	1	2	2	2	2
13	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
14	2	2	1	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3
17	2	2	1	1	1	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	4	4	4	5	6	5	5	5	4	3
25	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	5	4	4	4	4	4
27	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5
28	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5
29	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5
30	3	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	4	4	4	4	3	3	3	3	3
31	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	3	3	3	***	3	3	2	2	2	2	3	4	3	3	3	2	2	3	3
2	3	3	4	3	3	3	2	2	2	***	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
3	2	2	2	2	2	1	1	1	1	***	1	2	3	4	4	3	3	3	3	2	3	3	2	1	3
4	1	1	1	1	1	1	1	1	1	***	2	2	2	2	***	***	3	2	2	3	3	3	2	2	3
5	2	2	3	3	2	2	2	2	2	***	2	2	1	2	2	2	2	2	1	1	1	1	1	1	2
6	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	***	1	1	2	2	2	2	2	3	2	3	2	2	3	2	2
8	2	1	1	1	2	2	2	2	3	***	3	3	3	2	2	***	2	3	3	3	3	3	3	3	2
9	3	3	4	4	4	4	3	3	4	***	5	5	4	3	3	3	4	4	4	4	4	3	3	3	4
10	3	2	2	1	1	1	1	1	1	***	1	1	1	2	2	2	3	3	3	3	3	2	2	2	2
11	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	4	4	4	3	3	3	3	2	2	3
12	2	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1
13	1	1	1	1	1	1	1	1	1	***	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
14	2	2	1	1	1	1	1	1	1	***	2	2	2	2	2	2	***	***	3	2	2	1	1	1	2
15	1	0	0	0	0	0	0	1	1	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
16	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
17	2	1	2	2	2	2	2	1	1	***	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	1	***	2	2	2	2	2	2	3	4	5	4	3	2	2	2	2
19	2	2	2	3	2	2	2	3	3	***	2	2	2	***	***	***	2	2	2	2	2	1	1	1	2
20	2	1	1	1	1	1	1	1	1	***	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	0	0	0	0	1	1	***	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	2	***	3	3	3	3	3	3	2	2
23	2	2	2	2	2	2	2	2	2	***	2	3	3	3	4	4	4	4	4	4	4	4	3	3	3
24	2	3	2	2	2	1	1	1	1	***	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	1	2	2	1	2	2	2	2	2	1
26	1	1	1	1	1	1	2	2	2	***	2	1	1	1	1	1	2	2	2	2	2	3	3	2	2
27	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
28	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	1	1	1	1	1	1	1	2	***	2	1	1	1	1	2	***	3	3	2	2	2	2	2	2
30	2	2	2	3	3	2	2	2	2	***	2	2	2	2	2	2	3	3	2	2	2	2	1	2	2
MEAN	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	***	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
2	1	1	1	1	1	1	1	1	2	***	1	1	1	2	1	***	***	2	1	1	1	1	1	1	1
3	1	1	1	0	0	0	0	1	2	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	0	1	1	***	1	1	1	1	1	1	2	2	2	2	3	2	2	3	1
5	3	2	2	1	1	1	2	2	3	***	2	2	2	3	3	3	3	3	2	3	3	3	3	3	2
6	3	3	3	3	3	3	3	3	3	***	2	2	2	2	***	***	2	2	3	3	3	3	3	3	3
7	2	2	3	3	3	3	3	3	3	***	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3
8	2	2	2	2	2	1	2	3	2	***	2	2	2	2	2	2	1	1	1	1	1	1	1	1	3
9	1	1	1	1	1	1	1	1	2	***	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	2	2	2	***	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
11	3	2	2	3	2	2	2	3	3	***	2	2	2	2	***	***	***	3	3	4	4	3	3	4	3
12	3	3	3	2	2	2	2	2	2	***	3	3	3	3	3	3	2	2	3	3	2	2	3	3	3
13	3	2	2	2	2	2	2	3	3	***	3	2	2	2	2	***	3	3	2	2	2	2	2	2	2
14	2	2	2	1	1	1	1	1	1	***	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2
15	3	2	3	3	3	3	3	2	2	***	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
16	1	1	1	1	1	1	1	3	2	***	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	2	***	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	***	2	2	2	2	2	***	***	4	3	3	3	3	2	2	2
19	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	2	2	3	4	***	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3
21	2	2	3	3	2	2	2	2	2	***	2	3	3	2	2	3	3	3	3	3	3	3	2	2	2
22	2	2	3	3	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	1	1	***	1	1	1	1	1	0	0	1	1	1	1	2	2	2	1
31	3	3	3	3	2	2	2	2	2	***	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	4	5
FEB	27	2	3	5
MAR	18	2	3	4
APR	30	2	4	6
MAY	31	2	3	6
JUN	30	2	3	5
JUL	29	2	3	9
AUG	31	2	5	9
SEP	25	2	3	5
OCT	31	2	4	8
NOV	30	2	4	5
DEC	31	2	3	5
YEAR	344	2	5	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - 0.01 PARTS/MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	83	557	53	0	0	0	0	693
FEB	172	351	26	0	0	0	0	549
MAR	144	254	2	0	0	0	0	400
APR	134	459	90	0	0	0	0	683
MAY	178	470	22	0	0	0	0	670
JUN	233	430	18	0	0	0	0	681
JUL	235	362	23	6	0	0	0	626
AUG	232	352	110	9	0	0	0	703
SEP	161	318	37	0	0	0	0	516
OCT	247	364	93	4	0	0	0	708
NOV	234	415	31	0	0	0	0	680
DEC	198	483	11	0	0	0	0	692
YEAR	2251	4815	516	19	0	0	0	7601

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.3	1.0	1.5	1.9	2.9	3.4	4.0	4.7	9	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1
2	1	1	0	0	0	0	1	1	2	2	2	2	3	3	2	2	1	2	3	3	3	3	3	2	1
3	2	3	3	2	1	0	1	2	2	2	2	2	3	3	2	2	1	2	4	3	3	3	3	2	2
4	3	3	1	2	2	2	2	3	3	3	3	3	3	3	0	2	3	4	3	3	3	3	4	3	3
5	3	3	2	3	2	2	2	2	3	3	3	3	3	3	0	1	1	1	1	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	3	3	3	3	3	3
8	0	1	1	1	1	1	1	2	2	2	3	3	4	4	5	5	4	5	5	4	4	4	4	4	3
9	2	1	1	1	1	1	2	2	2	1	3	1	1	1	2	2	3	3	3	3	3	3	3	3	3
10	2	2	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	2
11	2	1	1	0	0	1	1	2	1	1	1	0	0	0	1	2	4	4	4	5	5	6	5	4	2
12	4	3	3	3	2	1	1	1	0	0	0	0	0	0	1	2	3	3	3	4	3	3	1	1	2
13	2	2	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	3	3	4	4	4	4	3	2
14	3	2	3	2	3	3	2	3	2	2	1	2	2	1	0	1	1	1	1	1	1	2	2	2	2
15	2	1	1	1	1	1	2	3	2	1	1	1	1	2	2	2	2	1	1	0	0	1	2	2	1
16	3	3	3	2	2	1	1	0	0	1	1	3	3	4	4	4	4	5	4	3	3	2	2	2	3
17	3	1	0	0	0	1	2	2	1	3	1	2	2	2	2	2	3	3	3	3	2	2	2	2	3
18	2	1	2	1	1	1	1	2	0	0	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
19	2	2	2	2	2	2	2	2	2	2	0	0	0	0	1	2	3	3	3	3	3	3	3	2	2
20	3	3	3	3	3	3	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	2	2	1
21	2	1	1	1	0	1	1	1	0	0	1	2	2	2	1	1	0	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	2
23	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
24	1	2	1	1	1	1	1	1	1	2	2	1	0	0	0	0	0	1	1	0	1	0	1	0	1
25	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26																									
27																									
28																									
29	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2
30	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	4	2	2	2
31	1	1	1	1	1	0	0	2	3	0	0	1	1	1	0	0	1	2	2	2	1	1	1	0	1
MEAN	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	2	1	1	1	1	1	0	0	1	1	5	4	3	3	3	2	2	1
2	2	1	0	0	0	0	0	1	1	1	1	1	2	1	2	2	3	3	3	3	3	3	3	2	2
3	2	2	1	0	0	0	0	1	1	1	1	1	0	1	1	1	2	2	3	3	3	3	3	3	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	0	0	2	3	4	4	4	3	1	1	1	0	1	1	1	3	3	2	2	3	4	4	0
7	1	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2
8	3	3	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2	4	4	4	4	4	4	4	2
9	2	2	2	2	2	2	2	0	1	0	0	1	1	1	0	3	3	5	5	5	4	4	4	4	2
10	4	3	4	4	3	2	1	0	1	1	1	2	0	0	1	1	1	2	2	0	0	1	0	0	2
11	1	1	1	1	1	2	1	3	3	1	0	0	1	1	1	2	3	2	1	1	1	2	2	2	1
12	2	3	2	3	3	2	2	2	2	1	0	0	0	0	3	3	4	4	4	4	3	2	2	2	3
13	2	2	2	1	1	3	2	2	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1	1	1
14	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	2	2	1	3	3	2	2	2
15	2	1	1	1	1	2	2	1	2	2	2	4	3	0	1	1	4	5	5	5	5	5	4	3	3
16	2	2	3	4	4	3	3	3	3	3	0	1	2	1	1	2	3	3	2	1	1	1	1	1	2
17	1	2	1	1	2	1	1	0	0	0	1	1	1	1	1	1	1	2	3	3	3	2	2	1	1
18	1	1	2	1	1	2	2	2	2	2	1	2	2	2	2	1	2	4	4	4	3	2	2	1	2
19	1	1	2	2	2	1	0	1	1	1	0	2	2	2	2	2	2	2	3	3	3	2	2	2	2
20	3	2	1	0	0	0	1	2	2	0	0	1	0	0	0	1	2	3	4	3	4	3	3	3	2
21	2	2	2	2	2	1	1	1	1	1	1	5	5	3	2	3	5	4	4	3	1	1	1	1	2
22	1	1	1	1	1	1	1	1	2	1	0	1	1	1	0	0	1	2	2	2	2	2	2	2	1
23	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	3	3	2	1
24	3	3	3	2	1	1	1	2	2	1	0	1	1	1	1	1	1	1	1	2	2	2	2	1	2
25	1	0	2	2	2	1	2	3	2	1	0	0	0	0	0	1	1	3	3	3	2	3	4	4	2
26	3	3	3	3	2	2	3	5	3	2	1	1	1	0	0	1	2	4	7	6	4	1	1	1	3
27	2	2	2	2	2	3	4	5	5	3	3	2	1	1	1	1	1	1	2	3	2	2	2	1	2
28	0	2	1	0	1	0	1	2	1	1	0	0	0	1	1	1	1	1	1	1	1	2	3	2	1
MEAN	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	1	0	0	1	2	1	***	1	1	0	0	0	1	3	4	3	3	3	3	3	3	1
2	3	3	1	1	3	3	2	1	0	***	1	2	2	1	3	3	3	3	3	3	3	3	3	2	2
3	2	2	2	1	1	1	1	1	1	***	***	2	3	3	3	4	4	5	3	0	0	0	0	0	0
4	1	1	0	0	1	0	1	3	2	2	2	***	2	***	***	***	***	***	***	***	***	***	***	***	***
5	1	2	4	3	2	2	2	3	3	1	1	0	***	3	1	2	3	5	6	5	2	1	1	1	2
6	1	0	0	0	0	1	2	3	2	1	***	0	0	0	0	0	1	3	4	3	3	4	4	3	2
7	3	1	0	1	0	1	2	3	2	***	1	1	1	1	1	2	2	3	3	2	3	2	1	2	2
8	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3
9	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11																									
12	1	1	0	0	1	1	2	3	3	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	2	2	2	1	1	1	1
14	1	0	0	0	1	1	1	2	2	0	***	0	0	0	0	1	1	2	3	4	3	3	2	2	1
15	2	1	2	1	1	1	2	2	2	2	1	1	1	1	***	2	3	4	3	4	3	3	2	2	2
16	2	2	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0
18	0	0	0	0	0	1	2	4	2	1	1	0	0	0	0	0	1	1	1	1	0	1	3	1	1
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	2	3	4	5	6	5	4	4
27	3	2	2	3	3	2	3	4	3	2	1	1	0	1	1	1	1	2	2	3	3	2	3	3	***
28	5	5	4	3	2	1	2	3	2	1	1	1	3	1	1	2	3	3	4	3	3	2	1	0	0
29	1	2	2	2	1	2	2	3	2	1	1	1	1	***	1	2	2	3	3	3	3	3	2	2	2
30	2	2	1	0	0	0	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2
31	1	2	2	2	1	1	0	1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1
MEAN	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 69

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	0	0	1	1	2	1	3	3	2	3	3	4	3	3	3	2	1	1	1	2
2	1	0	0	1	2	1	2	4	3	***	1	1	0	0	0	0	1	0	1	6	6	6	3	0	2
3	1	1	1	2	2	2	2	3	4	10	5	5	6	5	6	7	7	7	6	6	7	7	7	7	5
4	6	6	5	1	0	1	2	3	3	2	0	0	2	***	0	0	1	1	2	2	2	2	0	0	2
5	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	2	2	3	2	2	2	2	1	1	1
6	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	1	3	4	4	3	3	3	1
7	5	4	3	1	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	0	1
8	1	0	1	1	0	1	1	2	1	1	1	1	2	2	2	2	3	3	4	3	3	3	3	3	2
9	1	1	0	0	1	1	1	3	3	2	1	1	0	0	***	***	***	***	***	***	***	***	***	***	***
10	4	1	1	1	1	2	3	2	1	***	0	0	0	0	0	0	0	1	3	7	6	6	6	6	2
11	6	5	4	3	3	3	3	4	3	2	1	0	1	0	0	0	4	6	7	7	7	7	7	6	4
12	6	6	5	4	3	3	2	2	1	1	1	1	1	2	3	4	4	4	3	2	2	2	2	3	3
13	3	3	3	3	2	2	2	2	3	3	4	***	0	0	0	0	0	0	0	1	2	6	6	5	2
14	5	4	3	3	3	3	0	0	0	1	1	4	4	3	5	4	3	3	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	1	1	0	0	1	1	2	2	2	2	3	3	3	4	4	3	3	1
16	3	3	2	3	2	2	3	4	2	***	0	0	0	0	***	1	2	2	3	5	5	5	3	5	3
17	4	3	3	4	3	2	2	3	2	1	0	0	0	0	***	1	1	1	2	3	4	3	3	3	2
18	3	2	1	1	1	3	5	6	2	1	0	0	0	***	0	0	0	0	1	2	1	1	1	1	1
19	2	2	1	2	1	2	3	3	3	1	1	1	1	1	3	4	6	8	8	9	10	10	9	8	4
20	8	7	5	5	5	6	7	7	10	9	12	8	10	8	4	7	8	8	8	9	9	8	7	7	8
21	7	8	7	6	6	5	5	9	12	11	7	8	7	7	7	4	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	1	1	1	***	1	1	1	2	3	6	7	2	3	4	1	2	2	2
23	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	***	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	3	3	2	1	3	3	3	4	4	1	0	0	0	1	2	4	3	2	3	6	5	6	6	6	3
26	5	5	5	4	4	4	3	4	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27																									
28																									
29																									
30																									
MEAN	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	0	1	2	2	2	1	0	0	0	1	1	1	0	1	0	0	1	3	5	4	1
2	3	3	3	2	2	3	5	3	3	1	0	1	1	1	2	2	2	2	2	3	3	2	1	1	2
3	1	1	1	1	1	1	1	2	2	5	5	3	5	7	2	2	1	1	1	1	1	1	1	1	2
4	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	5	6	5	5	5	4	2
5	3	3	2	2	2	1	1	3	3	1	1	2	3	3	2	1	1	2	2	4	1	2	2	2	2
6	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	0	1	2
7	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	1	1	2	3	3	5	5	4	2
8	4	4	4	3	3	3	5	8	7	5	4	4	3	2	4	5	6	5	5	5	4	3	2	1	4
9	1	1	0	1	2	4	5	5	4	2	2	2	0	0	1	2	1	1	0	0	1	1	1	1	2
10	1	1	1	1	2	3	3	2	1	1	0	0	1	1	1	1	1	1	5	9	8	8	7	7	3
11	4	2	2	3	3	3	3	2	1	0	1	1	1	2	2	2	3	2	1	1	3	4	5	2	2
12	2	4	2	1	1	0	1	1	2	3	0	1	1	1	2	1	2	1	0	1	2	2	2	2	2
13	1	1	1	1	0	1	2	2	1	1	1	2	2	2	2	1	1	0	1	2	2	2	3	4	2
14	4	3	1	1	2	4	4	3	1	1	3	3	0	0	0	1	1	1	1	2	2	3	6	2	2
15	3	5	3	1	1	1	2	1	1	2	2	1	1	1	1	1	1	0	0	2	3	2	1	2	2
16	2	2	1	2	0	1	2	3	2	1	1	3	4	3	8	8	8	7	4	4	4	6	4	5	4
17	6	5	3	5	6	6	6	6	8	5	2	1	0	0	0	0	0	1	4	5	6	6	5	4	4
18	2	2	2	2	1	3	4	3	3	1	1	1	1	1	1	2	3	3	1	1	1	1	1	2	2
19	3	4	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	2	2	3	3	3	3	2
20	3	4	5	4	4	4	5	3	1	1	1	1	1	1	1	1	0	0	1	3	4	4	3	2	2
21	1	2	1	1	1	0	2	2	3	2	2	0	3	4	4	5	7	5	5	2	2	2	6	7	3
22	7	3	1	3	5	5	6	9	9	14	16	11	6	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	4	4	3	1	1	1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1
26	1	1	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	3	3	5	4	3	3	2
27	3	2	2	2	3	3	5	4	2	2	1	1	4	4	6	5	4	6	6	6	5	5	4	3	4
28	3	3	3	3	3	3	5	5	4	2	0	1	1	0	1	2	6	4	1	1	3	4	3	2	3
29	1	3	3	3	4	7	5	6	6	7	8	10	12	7	6	7	9	11	11	10	10	8	7	5	7
30	5	3	1	1	1	5	5	4	3	2	1	0	1	4	5	2	3	1	5	8	4	4	3	5	3
31	5	4	2	1	0	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	3	6
FEB	28	2	3	7
MAR	24	2	3	6
APR	27	2	8	12
MAY	31	3	7	16
YEAR	139	2	8	16

206

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNIT - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	311	273	43	0	0	0	0	627
FEB	276	265	58	2	0	0	0	601
MAR	234	193	40	0	0	0	0	517
APR	236	162	98	49	3	0	0	598
MAY	237	240	131	30	4	2	0	694
YEAR	1444	1133	370	81	7	2	0	3037

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.2	0.6	1.1	2.0	3.8	5.0	6.7	7.8	16	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
2	1	2	1	1	2	2	2	3	2	2	2	2	1	1	1	3	3	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	2	1	1	2	2
4	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	2	1	1	2	2
5	2	0	2	2	2	3	4	4	4	4	3	3	3	2	3	3	3	3	2	2	2	4	6	3	3
6	7	6	5	5	4	4	4	4	3	3	2	1	2	1	0	0	1	1	1	1	1	2	3	2	3
7	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	2	2	1	1	1	2
8	1	1	1	1	1	1	1	2	2	3	2	1	1	1	0	0	0	1	1	0	0	2	3	2	1
9	3	2	2	2	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	3	3	4	5	4	2
10	4	5	4	4	4	4	3	3	2	2	3	3	4	4	4	5	3	1	1	1	2	4	4	4	3
11	4	3	3	4	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	5	5	2	2
12	3	2	1	1	2	2	2	2	2	1	1	1	1	0	0	0	0	1	1	1	1	2	2	1	1
13	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	4	4	3	2	1	1	2	2
14	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1	0	0	0	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	0	0	1
17	2	2	2	2	1	0	0	0	2	2	2	2	0	0	0	0	1	1	1	1	1	2	2	2	1
18	1	1	1	1	1	1	1	1	1	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	3
19	4	4	4	4	3	2	2	2	2	2	2	2	3	3	3	1	1	2	3	3	3	4	5	5	3
20	5	5	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	1	2	2
22	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1
23	2	3	3	2	1	2	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	2	2	3	2	2	2	3	4	4	2	2	2	2	2	1	1	1	1	1	2
25	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	3	2	2
26	3	3	3	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2	2	2	3	3
27	1	1	0	0	1	1	1	1	2	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	1
28	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	3	4	2	2	4	3	3	2
29	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	4	3	3	3	3	3	2
30	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	3	4	1
2	4	4	4	4	3	3	4	1	1	1	1	1	0	0	0	1	1	1	1	3	4	4	4	2	3
3	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	3	4	4	2	2	1	2	2	2	3
4	3	3	3	3	2	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
5	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
6	2	2	3	4	5	5	4	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2
7	4	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
8	1	1	1	2	2	2	3	4	4	4	4	5	5	4	3	2	2	2	3	3	3	2	3	3	3
9	3	2	3	3	2	2	3	2	2	3	4	3	2	1	1	1	1	0	0	0	1	2	1	2	2
10	2	2	3	2	4	5	5	4	2	3	3	2	2	2	2	2	1	1	2	2	1	1	1	0	2
11	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	3	1	1	1	1	1
12	1	1	1	2	2	3	3	4	5	4	3	2	4	4	5	5	5	5	4	3	3	4	3	3	3
13	3	2	3	3	2	2	2	2	4	4	4	5	6	6	4	4	2	1	1	1	0	0	0	0	3
14	0	0	0	0	0	0	0	0	0	1	2	3	3	1	0	0	0	3	7	8	6	6	4	2	2
15	1	0	0	0	0	0	1	1	2	3	3	3	3	1	0	0	0	3	7	8	6	6	4	2	2
16	4	5	5	5	5	4	3	3	2	2	2	3	4	4	5	5	4	3	3	3	4	5	3	2	4
17	2	2	2	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
18	0	0	1	1	1	1	2	3	3	6	6	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	2	1	1	1	2	4	3	3	3
20	3	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	8	8	8	8	8	2
21	4	3	3	3	3	4	5	6	8	6	6	5	5	4	3	3	3	6	5	3	3	3	3	3	4
22	3	3	3	3	3	2	2	2	3	3	3	1	2	1	1	2	2	2	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26																									
27																									
28																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	1	1	0	0	0	1	1	3	****	2	2	2	1	2	2	2	3	4	3	2	2	1	1	2	2
5	2	2	2	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2	3	4	2
6	3	3	3	3	3	4	4	6	****	****	3	3	3	4	4	4	4	3	3	2	2	1	1	1	1
7	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
8	1	1	2	2	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	0	0	1	2	1	1	1	1	2	2	3	3	3	2	2	3	2	3	2	2
11	2	2	2	2	2	2	4	6	5	2	1	****	1	1	1	1	1	3	5	2	2	2	2	2	2
12	2	2	2	1	1	1	1	2	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	4	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	4	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	1	3	3	3	3	4	****	****	2	2	2	2	2	2	2	2	3	3	3	1	1	1	1	1
16	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1	2	2
17	0	0	0	0	0	0	2	2	2	2	2	2	3	4	3	2	1	0	0	0	0	0	0	0	0
18	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	0	1	1	1	2	1	5	1	****	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0
21	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	2	1	2	1	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
25	1	1	2	2	4	2	1	1	****	****	1	1	1	1	1	2	2	0	0	0	1	1	1	1	1
26	1	2	2	3	3	2	2	3	3	3	3	3	3	3	1	2	0	0	0	2	3	2	2	2	2
27	1	2	1	2	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	0
29	1	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	0
30	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	4	2
31	2	1	3	3	3	1	1	0	0	0	0	1	0	1	1	1	0	1	0	1	1	1	2	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	****	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1
3	2	2	2	2	1	2	3	4	3	3	3	2	2	2	1	2	2	2	2	1	0	0	0	1	2
4	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8	0	0	0	0	1	1	2	2	1	****	****	0	1	1	0	0	0	1	1	0	0	0	0	0	0
9	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	3	3	3	2	1	0	0	0	1
10	0	0	0	0	0	0	0	0	1	****	1	1	0	0	0	0	0	1	1	2	2	1	0	0	0
11	0	1	1	3	4	4	5	5	3	3	****	3	3	3	3	3	3	4	4	2	1	1	1	0	3
12	1	2	3	2	1	0	1	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
13	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	0
14	1	1	1	1	1	1	1	1	2	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
16	1	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	2	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	3	3	****	1	1	2	1	1	1	0	1	3	2	2	2	1	1
19	1	1	1	1	1	1	1	2	3	4	4	3	2	1	1	1	1	1	1	2	4	4	3	2	2
20	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	4	3	3	2	2	2
21	2	1	2	2	1	2	3	3	3	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1
22	1	0	0	0	0	0	0	1	1	1	****	2	2	2	2	2	2	2	1	1	2	1	1	1	1
23	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	1	2	3	2	1	1
25	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
26	1	1	2	2	2	5	6	3	****	3	3	4	3	2	2	3	3	3	3	5	3	2	2	2	3
27	2	1	1	1	1	2	2	2	4	4	4	3	1	1	1	2	2	2	2	4	3	2	1	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
29	1	1	0	0	0	0	1	1	****	1	2	2	1	1	1	1	1	1	1	1	2	1	1	0	1
30	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	3	2	0
2	1	1	1	2	2	3	3	3	2	5	1	1	1	0	6	5	2	1	1	1	1	2	1	1	2
3	1	0	0	0	0	0	0	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	6	3	5	2	2	4	4	2	3	2	2	2	2	1	2	1	1	1	1	2	1	1	1	1	2
9	1	1	1	1	1	1	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	0	0	0	1
10	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	3	2	1
11	1	1	1	0	0	1	2	4	2	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	2	2	2	2	3	3	3	4	5	4	3	3	3	2	2	3	3	3	3	4	4	4	3	3
15	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1
16	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	0	1	0	0	2	2	1
17	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1	1	1	1	1	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	3	5	5	4	4	5	5	5	3	2	2	2	2	2	2	2	2	2	5	3	1	2	3
22	1	1	1	1	2	3	4	2	2	2	1	2	2	1	1	2	2	2	1	1	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	2	0	0
24	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	3	3	1
28	1	1	1	1	1	1	1	2	2	1	1	1	1	3	2	2	2	2	1	1	1	1	1	1	1
29	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1
30	4	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1
31	1	1	1	1	1	2	3	3	3	3	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	3	0
2	2	1	1	1	0	1	2	1	1	1	1	0	0	0	1	1	2	0	0	1	2	5	3	0	1
3	1	1	0	0	0	0	1	2	3	2	2	2	2	1	1	2	0	1	1	1	1	2	2	2	1
4	2	1	1	1	1	1	3	2	1	2	1	1	0	0	0	0	0	0	0	1	3	4	2	2	1
5	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	3	2	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
13	2	1	1	1	1	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2
14	1	1	0	0	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1
15	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	1	0	1	0	0	0	0	1	1	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1
17	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2
19	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2
20	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	2	4	3	4	1	2
21	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
23	0	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
24	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	1	1	2	2	3	2	2	3	2	2	2	1	1	1	2	3	2	2	1
26	3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	2	2	1	1	2	2	3	2	2
27	2	2	2	2	2	2	2	3	2	2	1	2	2	2	4	5	3	2	1	1	1	1	1	1	2
28	1	1	1	1	2	2	3	5	5	2	3	2	2	1	1	1	1	1	0	1	1	1	1	1	2
29	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1
30	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	2	4	3	1	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	1	2	2	1	1	1	1	1	0	0	0	1	1	1	0	0	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	2	2	3	2	2	2	1	1	1	1	2	1	1	1	1	3	5	4	4	4	2
7	1	1	1	1	1	1	2	1	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1
8	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1
12	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	2	2	1	1	2
14	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
17	2	2	2	2	2	2	4	2	2	2	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2
18	2	1	1	1	1	2	2	0	0	0	0	0	0	1	1	1	1	2	2	0	0	0	0	0	1
19	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0
21	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0
22	0	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	2	1	1	1	2	2	3	3	3	2
25	1	1	1	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
26	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	3	3	3	2	2
27	2	1	0	0	0	1	1	1	1	2	2	1	1	1	0	0	0	0	0	0	1	0	0	0	1
28	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
29	0	0	0	0	0	0	1	0	0	3	1	2	2	2	2	2	2	1	1	1	0	0	0	1	1
30	0	0	0	0	0	0	2	1	1	0	0	0	1	1	1	2	1	1	1	2	3	1	0	0	1
31	0	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	3	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	5	4	2	1
2	1	1	0	0	0	2	2	1	1	1	2	0	1	1	1	1	1	1	2	2	2	1	1	3	1
3	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	2	3	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	1	1	1	1	2	1	1	1	0	1	1	1	1	1	1	1	2	3	2	2	1	1
7	2	2	1	1	1	2	3	2	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
8	1	1	0	0	1	1	1	2	4	1	1	1	1	1	1	1	1	2	2	1	4	2	1	1	1
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	2	2	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	2	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1
12	1	0	0	1	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1
13	2	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	3	2	2	2	2	1
15	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	1	2	3	2	2	1	1	1
16	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1
17	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0
18	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0
19	0	1	0	0	0	1	3	2	1	2	2	1	1	1	2	1	1	1	2	2	2	1	1	1	1
20	1	1	0	0	1	0	2	2	1	1	1	1	1	1	1	1	0	0	1	3	3	4	2	1	1
21	1	1	0	0	1	1	3	3	2	1	1	2	2	2	1	1	1	0	1	3	7	5	5	1	2
22	0	0	1	1	2	4	4	2	2	2	1	1	1	1	1	1	1	1	1	3	5	2	1	1	2
23	1	1	0	0	1	4	5	2	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1
24	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
25	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	4	2	3	1	0	1
26	0	0	0	0	0	0	1	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
29	3	2	1	0	0	0	1	2	1	2	0	1	1	1	0	0	0	0	0	1	1	1	2	0	1
30	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1	1	1	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0
3	0	0	0	0	0	1	1	0	0	1	2	3	2	2	1	0	0	0	0	0	1	1	1	1	1
4	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	2	2	4	1	1	1	1
5	2	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1
6	1	1	1	1	1	1	1	2	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	1	3	4	5	5	5	3	1	0	0	0	0	0	0	0	2	3	1	0	0	0	1
8	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	2	1	2	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	1	1	1	1	1	1	2	0	0	2	1	1	1	1	0	0	1	0	0	0	0	0	1
12	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	4	3	2	2	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	1
15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	1	1	2	3	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	1
17	1	2	1	0	0	1	2	2	2	1	0	0	1	0	1	1	1	1	0	1	0	0	0	0	1
18	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	0	3	3	2	1	1	1
19	1	1	2	1	1	1	1	1	4	2	2	1	1	1	1	1	0	0	0	1	1	1	1	0	1
20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
21	0	0	1	1	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	1	2	1	1
22	2	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23	0	0	0	0	1	1	0	1	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
24	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
25	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
26	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1
27	1	1	1	1	1	2	2	3	2	2	2	1	1	2	2	2	2	2	3	4	2	2	1	1	2
28	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
29	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	2	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	1	1	1	2	2	1	1	1	1	3	3	2	1	2	2	2	0	0	0	0	0	0
11	1	1	1	1	1	2	2	2	3	3	4	5	3	3	3	1	1	3	7	6	3	3	1	1	3
12	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	2	2	2	2	2	2	2	3	4	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	2	2
23	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	2	2	1	2	3	4	4	4	3	2	2	3	3	3	4	4	4	4	4	2	2	1	0	3
30	1	2	1	1	1	2	1	2	1	2	3	2	3	1	1	1	1	1	0	1	0	0	0	1	1
31	1	1	1	1	1	1	0	0	0	0	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
2	1	3	3	3	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
3	1	1	1	0	1	0	1	1	1	1	2	2	2	2	1	2	2	3	2	1	1	2	1	1	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1
5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	3	1
8	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1
9	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	1	1	1	1	2
10	1	2	3	2	1	0	0	0	0	0	0	1	0	1	3	2	1	1	0	0	0	0	1	1	2
11	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	0	1	1	0	0	1	2
12	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1	1	2	2	1
13	3	2	1	1	1	1	1	1	2	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
15	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	2	1	0	1	1	1	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	1	1	1	1	1	0	1
19	0	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
20	3	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	1	1
22	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2	1	1	2	2	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0
27	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	3	2	2	2	3	3	1
28	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	2	1	1	1	1	1	1	0	2
29	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	1	1	2	2	3	2	2	2	3	2	3	3	2	1	1	2	3	3	3	2	2	3	3	2
6	2	4	4	3	3	3	2	2	3	3	3	3	3	3	3	2	3	3	3	2	2	2	1	1	3
7	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2
10	3	3	4	4	4	4	4	3	3	3	4	4	2	2	2	3	3	3	2	2	2	2	2	2	3
11	3	3	4	4	4	4	4	3	3	3	4	4	2	2	2	3	3	3	2	2	2	2	2	2	3
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
15	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1
18	0	0	1	0	0	0	0	1	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1	1	1
19	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1	2	2	2	2	2	1	2	2	2	2
21	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1
22	0	2	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	3	2	2	1
23	2	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2
24	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
27	3	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	2	2	1
30	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
31	2	2	2	2	2	1	1	1	2	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	3	7
FEB	25	2	4	8
MAR	28	1	3	6
APR	30	1	3	6
MAY	31	1	3	6
JUN	30	1	2	5
JUL	31	1	2	5
AUG	31	1	2	7
SEP	30	1	2	5
OCT	23	1	3	7
NOV	29	1	2	3
DEC	28	1	3	4
YEAR	347	1	4	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - 0.01 PARTS/MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	306	340	65	1	0	0	0	712
FEB	284	180	85	8	0	0	0	557
MAR	468	166	22	0	0	0	0	656
APR	534	153	20	0	0	0	0	707
MAY	556	149	28	0	0	0	0	733
JUN	547	153	9	0	0	0	0	709
JUL	571	146	8	0	0	0	0	725
AUG	606	109	14	1	0	0	0	732
SEP	614	71	9	0	0	0	0	694
OCT	288	81	16	1	0	0	0	386
NOV	509	126	0	0	0	0	0	635
DEC	379	226	12	0	0	0	0	617
YEAR	5664	1900	288	11	0	0	0	7863

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
89	0	0.1	0.4	0.7	1.0	2.1	2.8	3.7	4.4	8		1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	2	2	3	3	2	2	3	4	3	4	5	5	5	5	4	3	2	3
4	2	1	1	1	1	1	2	2	3	3	2	2	1	1	1	***	1	1	1	1	1	1	2	3	1
5	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	2	2	1	3	5	3
6	7	7	6	5	5	5	5	4	4	3	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	3	3	3	1
9	3	2	2	2	1	2	1	1	2	3	2	3	2	2	2	3	4	5	5	4	4	5	4	4	3
10	4	4	4	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	0	0	0	0	1	2	2	2	2	1	1	***	0	0	1	1	1	1	1	1	1	1
12	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	0	***	***	***	***	***	0	0	0	1
13	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
14	1	1	1	1	1	1	1	1	1	1	1	1	1	***	2	1	1	1	0	0	0	0	0	0	1
15	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	***	1	1	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1	2	1	1
18	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	2
19	4	4	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	3	4	2
20	3	3	3	3	4	3	3	3	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	2	1	1	1	1	1	1	4	3	***	2	2	2	2	2	1	2	2	2	2	1	2
22	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	2	1	1
23	1	1	2	2	2	1	1	2	2	2	2	***	2	1	1	1	0	0	1	0	0	0	0	0	1
24	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	***	***	3	2	1	1	1	1	2	1
25	3	3	2	1	1	1	1	2	2	2	2	2	***	4	3	3	3	2	2	2	1	2	2	1	2
26	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	3	3	2	2	2	1	1	1	1	2
27	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	1
29	3	2	1	1	1	1	1	1	1	2	1	3	2	1	1	2	2	3	3	3	4	3	3	3	2
30	2	2	2	3	2	2	2	3	3	***	2	2	2	2	2	2	3	3	2	2	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	1	1	2	2	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	***	0	0	0	0	1	1	2	3	1	0	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
3	1	1	1	1	1	0	0	3	2	2	2	2	1	1	1	1	1	1	2	2	1	1	3	4	1
4	5	4	4	1	1	1	1	3	4	4	3	3	3	3	2	2	3	2	2	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	***	1	1	1	1	3	2	2	2	2	1
6	2	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2	2	3	2
7	2	1	1	2	3	3	3	2	2	2	2	2	2	2	1	1	1	2	3	1	2	2	3	3	2
8	3	3	3	2	2	2	3	4	3	3	3	3	***	3	3	3	5	3	4	4	4	4	4	3	3
9	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	1	1	1	1	2	1	1	2	1
12	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2	3	3	3	2
13	3	2	2	2	2	2	2	***	2	2	2	1	1	3	3	3	2	2	1	1	0	0	0	0	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
15	2	5	4	3	2	2	3	3	3	4	3	1	1	***	1	1	1	1	1	1	1	1	2	3	2
16	4	5	5	3	2	1	1	1	1	1	1	2	1	2	2	2	3	3	2	2	3	3	2	2	2
17	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	2	2	1	1	1	0	***	1	1	1	1	1	1	1	1	1	1
19	2	2	2	2	3	3	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	2
20	2	2	1	1	1	1	0	0	0	***	***	0	0	0	0	0	1	1	1	2	2	3	4	4	1
21	3	3	3	2	1	1	2	3	3	2	2	2	1	1	1	1	1	4	4	3	3	3	3	3	2
22	2	3	3	2	2	2	1	1	2	2	1	***	1	1	1	1	2	2	2	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
24	1	2	2	1	1	1	1	2	1	2	1	1	2	1	1	1	1	1	1	1	1	1	3	4	1
25	4	3	3	3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1
27	2	2	2	3	3	3	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2	1	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1
MEAN	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0
2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	1
3	3	4	4	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1
4	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	4	4	4	2	1	1	1	1	1
5	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2	2	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
8	2	2	2	3	3	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	2	1	1	1	1	1	1	1	1	1
10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
11	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	3	3	3	3	3	4	7	2
12	6	5	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
14	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	1	1	1	1	2
15	1	1	1	2	4	5	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	2	3
16	3	3	3	2	2	3	3	3	2	2	3	3	4	5	5	5	4	3	1	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	3	2	2	1	1	1	1	1	1	1
19	1	2	1	2	1	1	1	1	1	2	3	3	3	3	2	2	1	1	0	0	0	0	0	0	1
20	0	2	0	0	0	0	0	0	1	2	2	2	2	2	3	2	2	2	2	1	2	1	1	1	1
21	1	1	1	1	1	0	0	0	0	5	5	5	4	3	3	2	1	1	0	0	0	0	0	0	1
22	0	0	1	1	1	0	0	0	0	1	2	2	3	3	3	3	4	4	3	3	2	3	4	2	2
23	2	3	4	2	3	3	3	2	4	4	5	3	3	3	2	2	2	2	1	1	1	0	0	0	2
24	1	1	1	1	0	0	0	1	2	2	3	2	3	3	4	5	4	2	2	1	1	0	0	1	2
25	1	1	0	0	0	0	0	1	1	2	2	2	3	4	4	3	3	4	4	5	5	6	5	5	3
26	6	5	5	4	4	4	5	5	5	6	7	7	5	4	4	2	1	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	2	7	7	7	4	4	4	4	4	4	4	4	4	4	4	4	3
28	3	3	3	3	3	3	4	4	5	5	4	3	3	3	3	4	4	3	3	3	4	4	4	5	4
29	4	3	3	2	3	3	3	3	3	4	5	5	6	6	6	6	6	6	5	5	4	3	3	2	4
30	2	1	1	2	2	2	4	4	4	4	3	2	2	2	2	3	3	2	2	4	4	3	3	3	3
31	3	3	1	0	2	5	3	3	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2

PERCENTAGE OF DATA VALID 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	2	3	3	4	4	4	4	6	3	2	3	3	3	2	2	3	2
2	3	2	2	1	0	0	0	1	1	2	2	2	2	4	4	4	4	3	2	1	1	0	0	0	2
3	0	0	0	0	0	1	1	1	5	6	6	6	5	4	3	2	2	3	1	1	1	0	1	0	2
4	0	1	1	1	1	1	1	1	4	4	3	2	2	3	3	2	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	0	1	1	1	1	1
6	0	0	0	0	0	0	0	1	2	2	2	1	1	0	0	0	0	0	0	0	0	1	1	0	0
7	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	2	2	2	1	2	2	2	2	3	2	2	3	2	2	2	2	2	1	1	0	1	1	1
9	0	0	1	0	1	1	1	1	1	2	4	6	8	7	6	5	5	5	5	5	5	3	2	1	3
10	1	1	0	0	1	1	1	1	1	1	1	3	1	1	2	3	3	3	3	2	2	2	2	2	2
11	1	1	1	4	6	5	5	5	5	5	5	5	5	4	3	1	2	2	1	0	0	0	0	1	3
12	5	7	4	1	1	1	0	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2
13	1	0	0	0	0	0	0	0	2	3	4	4	4	4	4	4	4	4	1	1	0	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	1	1	1	1	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	1	1	1	1	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	5	3	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	3	4	3	2	3	2	2	3	4	5	5	4	3	3	2	2	3	3	3	4	6	5	6	5	4
21	3	3	5	4	2	1	3	5	6	7	7	5	4	4	3	3	2	2	1	1	0	0	0	0	3
22	0	0	0	0	0	1	1	1	1	4	4	4	4	3	3	3	4	3	2	3	4	3	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	2	3	3	3	4	4	5	5	4	4	4	4	2	2	2	2	3
25	2	2	2	1	1	0	2	1	2	3	3	3	3	3	3	2	4	4	4	3	2	1	1	1	2
26	1	2	2	3	3	4	4	5	6	6	6	5	6	6	5	5	4	4	4	5	4	4	5	5	4
27	4	3	4	4	4	4	3	6	7	8	6	6	5	5	5	4	5	5	5	6	6	5	3	2	5
28	3	4	3	3	3	2	3	4	5	6	6	6	6	5	6	5	4	3	3	2	1	1	1	1	4
29	1	1	1	1	1	1	0	1	2	2	2	2	4	4	3	4	3	2	1	1	1	1	2	3	2
30	1	1	1	1	1	2	2	3	3	3	4	4	4	5	4	4	5	2	1	1	1	1	1	1	2
MEAN	2	2	2	1	2	1	2	2	3	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	4	4	4	3	2	2	2	2	1	1	2	2	3	2	3	3	2
2	3	3	3	4	5	6	5	3	3	3	3	3	1	2	1	2	4	3	3	3	3	2	2	1	3
3	1	1	1	1	1	1	1	1	1	***	3	3	3	3	4	5	4	3	1	1	1	1	1	1	2
4	0	0	0	0	0	0	0	2	3	4	4	4	3	3	3	3	3	2	1	1	1	4	3	5	2
5	5	5	3	2	2	2	2	4	5	6	5	5	3	3	3	3	4	4	4	2	1	1	1	0	3
6	1	1	1	1	1	1	1	1	1	1	1	3	4	3	4	3	3	2	2	2	2	1	1	1	2
7	1	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	2	2	2	2	4	5	5	3
8	4	4	3	4	6	5	6	6	5	3	4	4	4	4	4	4	3	2	2	5	6	5	5	5	4
9	6	6	6	6	3	2	3	5	6	5	4	3	4	5	3	2	1	1	1	1	1	1	1	1	3
10	1	1	0	0	0	0	1	***	1	0	1	2	***	3	1	1	0	0	0	0	0	2	4	1	1
11	4	1	1	0	0	3	6	5	3	3	3	3	3	2	2	2	1	1	0	1	1	2	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	4	3	4	2	2	2	1	1
14	2	2	3	4	3	4	5	5	6	6	7	6	5	4	3	4	4	4	3	2	1	1	1	2	4
15	1	1	1	1	1	0	1	1	***	***	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	4	4	5	3	1	1	1	0	0	0	0	0	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	4	4	3	3	2	2	2	2	2
18	3	3	3	2	1	1	2	3	4	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
19	3	2	3	1	1	1	1	1	1	2	3	2	2	4	3	3	3	3	2	2	2	2	2	2	2
20	3	2	1	3	4	5	5	5	4	3	2	5	4	4	3	3	3	3	2	2	2	2	4	5	5
21	5	5	4	2	1	2	4	5	6	6	***	6	6	5	5	5	5	4	4	4	3	3	3	3	4
22	2	2	1	2	3	5	4	3	3	4	4	4	4	4	3	4	3	2	2	2	1	0	0	0	3
23	0	0	0	0	0	0	0	1	1	1	2	3	4	3	3	2	2	1	1	0	0	0	0	0	1
24	0	0	0	0	0	0	0	2	2	2	2	1	2	1	1	2	1	1	0	0	0	0	0	1	1
25	1	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0
27	1	1	1	2	2	2	3	4	3	3	***	3	2	2	1	1	1	1	1	2	2	3	3	3	2
28	4	4	4	4	3	3	3	3	2	2	2	2	3	4	3	3	3	3	3	2	2	2	1	1	3
29	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	2	2	1	4	3	2	2
30	2	3	5	6	9	8	6	4	4	4	4	4	4	4	3	2	2	2	2	4	5	5	4	2	4
31	1	2	2	2	1	1	3	4	4	5	4	4	4	3	3	2	2	1	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	0	0	1	1	2	2	1	1	1	1	0	0	0	1	1	1	2	0	1	1	1
2	2	2	1	1	1	1	1	1	3	3	3	2	1	0	0	0	1	1	1	0	0	3	2	2	1
3	1	1	0	0	1	1	2	3	1	1	***	***	***	***	1	0	0	0	0	1	1	1	2	1	1
4	1	1	1	1	2	3	3	2	3	4	4	4	5	5	4	3	3	2	1	1	3	4	2	4	3
5	4	2	2	2	3	5	4	4	4	5	5	5	5	5	5	3	2	2	1	2	5	1	1	1	3
6	1	0	0	0	1	1	2	3	3	3	4	4	3	3	3	2	1	1	1	2	0	1	1	1	2
7	0	1	1	1	1	1	2	3	2	3	2	2	2	3	2	3	3	3	2	1	1	1	1	1	2
8	1	0	0	0	1	1	1	1	2	2	4	3	2	2	1	1	2	1	1	1	2	1	2	1	2
9	3	3	1	0	0	1	2	3	4	4	4	3	3	3	1	1	1	0	0	0	0	0	0	0	2
10	0	0	0	0	1	1	1	***	5	5	4	5	3	4	4	3	2	1	3	3	2	1	2	2	2
11	1	2	2	5	4	1	1	3	2	2	2	2	3	3	3	3	2	2	2	1	2	2	1	1	2
12	1	1	3	4	3	2	2	3	4	4	4	3	3	3	3	2	2	2	1	1	2	4	2	1	3
13	1	1	4	4	3	5	7	8	5	7	8	7	6	4	4	3	2	2	3	5	4	5	3	2	5
14	1	3	1	2	4	5	4	4	4	5	6	6	5	3	2	3	1	1	1	3	3	1	3	2	3
15	4	1	0	0	1	1	1	0	2	4	6	6	6	5	3	3	1	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	1	0	2	3	3	2	1	2	1	1	0	0	0	0	0	0	1
17	0	0	0	0	1	1	2	3	6	3	1	1	3	4	3	2	2	1	1	2	1	1	1	0	2
18	1	2	2	3	5	6	5	5	5	5	5	5	5	5	5	4	3	3	3	2	1	1	1	1	3
19	1	1	0	1	2	3	5	5	5	5	5	4	5	5	5	6	6	4	3	3	3	2	1	1	3
20	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	1	1	1	0	2	1	1	1	2
21	1	0	0	1	2	2	3	1	2	4	3	2	1	1	2	2	1	1	1	1	2	1	1	1	2
22	1	1	1	1	0	1	1	2	3	4	4	4	3	3	2	4	1	1	1	2	3	4	2	3	3
23	3	4	2	1	0	1	1	1	1	3	2	3	3	3	4	4	4	4	4	5	6	5	5	5	3
24	3	2	2	2	2	3	4	4	4	4	6	6	6	5	4	4	4	4	4	5	4	4	4	4	4
25	4	4	4	4	4	5	5	6	5	5	5	5	5	5	5	4	4	4	3	5	6	6	6	5	5
26	2	3	4	4	8	7	6	6	6	6	6	6	6	6	5	5	5	5	4	3	4	4	4	3	5
27	4	4	4	5	5	6	6	6	6	5	5	4	4	5	5	5	4	3	4	5	5	5	4	4	5
28	5	5	6	6	6	6	6	6	1	1	1	1	2	2	4	5	4	4	4	3	3	3	1	1	2
29	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1	2	1	4	7	5	6	2
30	1	2	2	2	1	1	1	1	2	3	3	3	3	3	2	3	2	1	2	1	4	7	5	6	2
MEAN	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	3	2	2	2	2	3	3	2	2	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	3	2	1	1	1	6	7	8	7	6	5	4	4	4	4	4	2	2	1	1	0	1	4
2	2	2	1	2	5	6	6	6	6	6	6	4	5	3	1	1	0	1	1	0	0	0	0	0	3
3	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	2	1	1	0	0	0	0	0	0	1
4	1	1	1	1	1	1	1	2	2	3	5	5	4	4	4	2	1	0	0	0	0	0	1	1	2
5	1	1	1	1	1	1	1	2	3	5	5	4	4	4	4	2	2	1	0	0	0	1	1	1	2
6	6	7	5	5	6	4	6	6	5	6	6	6	5	4	3	3	2	2	2	1	4	4	5	5	4
7	7	7	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	2	2	1	1	1	1	1	3
8	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	3	4	4	5	4	5	3	4	4	4	3	2	1	2	3	2	2	3	2	3
11	3	0	0	2	4	4	4	5	5	5	5	6	5	4	4	5	5	3	1	1	3	5	5	5	4
12	5	4	4	3	2	2	3	4	5	4	2	1	2	1	1	1	1	1	0	0	0	0	1	1	2
13	6	3	2	3	2	4	2	1	1	3	5	6	6	5	5	4	3	1	0	0	0	0	0	0	3
14	0	1	2	4	5	5	5	5	4	3	2	2	1	1	1	1	1	0	0	0	0	0	0	0	2
15	0	0	0	0	0	0	1	1	3	3	3	4	6	4	4	4	4	2	4	5	2	2	2	1	2
16	1	2	2	4	3	5	6	5	5	5	6	5	4	3	2	2	2	1	1	0	0	1	4	3	3
17	6	5	5	5	6	5	5	5	6	5	4	3	2	1	1	1	6	3	5	2	1	1	1	1	4
18	1	1	1	1	1	2	4	5	6	6	6	6	5	4	4	4	4	3	2	4	2	1	0	0	3
19	1	1	1	1	1	1	1	1	2	1	0	3	3	3	3	1	1	0	1	1	2	2	4	2	2
20	4	4	5	5	4	4	4	4	5	6	5	5	5	5	5	5	4	1	1	2	4	4	4	4	4
21	7	6	3	1	1	3	3	5	5	5	5	5	4	3	2	0	0	0	0	4	8	8	6	5	4
22	6	6	4	3	3	5	5	5	5	5	5	5	5	5	3	2	0	0	0	5	6	2	0	0	3
23	1	1	1	1	1	2	2	2	3	3	1	1	3	4	4	5	5	4	5	4	4	5	5	5	3
24	4	4	6	5	5	6	5	4	3	4	4	3	2	1	1	1	1	0	0	0	6	6	3	3	3
25	3	1	1	5	6	5	5	5	5	4	4	2	2	1	3	1	0	0	1	1	2	5	4	5	3
26	5	5	6	7	8	7	7	5	5	4	4	3	4	4	2	3	1	1	1	3	5	7	7	6	5
27	6	6	3	2	1	5	4	1	1	2	2	5	4	3	2	1	0	0	0	0	0	0	4	7	2
28	7	4	3	3	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	3	3	3	6	4	2	3	2	2	6	6	4	2	5	4	2
30	3	2	2	2	2	2	2	3	4	3	4	4	4	4	3	2	3	4	2	2	5	2	2	2	3
31	2	1	2	1	1	1	2	4	5	4	4	3	3	2	2	3	2	3	2	2	3	6	7	7	3
MEAN	3	3	2	3	3	3	3	3	4	4	4	4	4	3	3	2	2	2	1	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	2	3	5	5	6	7	5	5	3	3	2	1	1	1	1	1	1	4	4	6	5	4
2	2	1	1	3	4	5	5	4	5	6	6	6	6	5	1	2	1	1	0	1	3	2	0	2	3
3	2	1	1	1	0	0	0	0	1	2	2	5	3	1	0	1	1	1	1	0	2	0	3	3	1
4	2	0	0	0	0	1	1	1	1	1	1	2	4	2	2	1	1	1	1	0	1	1	1	1	1
5	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
6	3	4	5	2	5	6	5	4	3	3	3	3	3	2	1	0	0	0	0	2	5	4	5	5	3
7	4	3	1	2	5	5	3	4	5	5	5	4	2	1	1	0	0	0	0	0	4	7	5	4	3
8	2	1	0	0	0	2	1	2	2	2	2	2	2	1	0	3	4	5	5	4	4	4	1	0	2
9	0	3	0	0	0	0	0	0	0	0	0	6	7	7	6	4	4	4	3	4	3	3	5	6	5
10	7	7	7	6	6	6	6	7	3	3	4	4	5	6	5	4	4	3	2	2	6	5	6	6	5
11	6	5	5	4	1	1	1	3	5	4	4	4	3	3	2	2	1	1	2	3	1	0	0	0	3
12	0	0	1	1	0	0	0	0	0	0	0	5	5	6	6	5	4	3	2	2	2	2	2	2	2
13	3	2	2	2	2	3	5	5	6	6	6	6	6	4	3	3	2	1	1	1	1	1	1	1	3
14	2	2	1	1	1	2	4	4	4	4	6	7	7	7	6	4	3	2	4	6	6	5	7	5	4
15	4	4	5	7	6	6	5	5	5	4	4	3	2	2	1	1	2	1	0	5	6	6	6	4	4
16	3	2	2	1	2	4	5	3	3	3	4	3	2	2	1	1	0	0	0	0	0	0	0	1	2
17	0	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	5	2	6	1
18	5	3	1	1	1	2	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	1	5	4	2	2	1	1	6	5	2	1	2	2	2	0	2	1	1	1	0	2
20	0	1	1	1	2	3	4	4	2	3	5	4	3	3	3	0	0	0	0	3	4	7	5	4	3
21	3	4	2	1	3	5	5	5	5	6	6	7	6	5	2	0	0	0	0	4	10	6	6	3	4
22	1	1	1	0	0	1	5	5	5	3	2	2	1	1	1	0	0	0	0	4	7	2	4	1	2
23	1	2	1	1	1	1	1	2	0	0	4	4	1	0	0	0	0	1	4	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	4	2	4	5	1
25	4	3	2	4	6	7	6	5	4	2	0	1	1	0	0	0	0	0	6	7	7	2	3	3	3
26	1	1	0	0	2	3	4	2	1	1	1	1	3	2	2	1	0	0	0	0	0	1	0	0	1
27	1	1	2	2	1	0	1	1	1	1	1	2	1	0	0	1	0	0	0	0	1	1	1	1	1
28	2	1	1	1	1	3	4	6	5	4	7	5	3	3	3	3	2	2	5	6	6	5	3	3	4
29	4	7	8	7	7	6	6	4	3	3	3	3	4	3	3	2	2	1	0	0	1	2	2	1	4
30	1	2	2	1	2	5	5	3	4	4	5	5	4	2	2	1	1	0	0	0	0	0	2	2	2
31	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1	0	0	0	1	2	3	5	1
MEAN	2	2	2	2	2	3	3	3	3	3	3	4	3	3	2	1	1	1	1	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	4	3	2	2	2	2	6	7	4	3	1	1	2	1	1	0	0	4	1	4	5	4	3
2	5	3	2	1	1	0	1	2	1	1	2	2	1	2	2	2	1	3	6	7	6	4	2	1	2
3	2	1	2	1	1	1	0	0	0	0	1	0	***	2	6	6	6	5	6	7	6	5	6	3	
4	5	3	3	3	3	3	3	4	4	4	2	2	2	2	4	2	2	2	1	6	4	5	7	4	3
5	4	6	6	6	6	6	6	6	6	4	3	3	3	2	2	2	2	1	1	2	1	1	3	4	4
6	6	6	5	3	3	2	5	5	4	***	1	0	1	0	1	0	0	0	1	1	1	1	1	2	2
7	2	3	3	3	4	4	6	6	3	1	4	1	1	1	0	0	0	0	3	1	0	2	2	1	2
8	3	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	1
9	0	0	1	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0
10	1	1	1	1	2	0	1	1	1	0	1	1	1	2	2	1	1	0	0	0	0	0	0	0	1
11	1	1	1	0	1	0	0	1	***	2	2	2	***	1	0	0	1	1	1	1	2	2	0	0	1
12	1	0	0	0	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	
13	1	1	1	1	0	0	0	***	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	1	2	2	2	1
15	1	0	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1
16	0	0	0	0	1	1	2	***	1	0	1	0	1	0	1	0	0	0	0	1	***	***	***	***	0
17																									
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	1
19	1	1	1	1	1	2	2	2	1	1	1	1	1	0	1	0	1	0	0	0	1	1	0	0	1
20	1	1	1	1	1	1	1	0	3	3	3	3	2	1	1	0	0	1	1	4	4	5	5	5	2
21	4	5	4	2	2	3	2	2	2	2	1	1	0	1	1	0	0	1	1	2	2	2	2	2	2
22	3	3	3	2	1	1	1	1	1	1	1	0	1	0	0	0	0	0	2	2	2	2	2	2	2
23	0	0	1	1	1	0	1	1	1	1	1	0	1	1	1	2	1	2	3	2	2	3	2	1	1
24	3	2	2	2	3	4	3	3	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2	1
25	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	0	1	1	1	1	1	2	2	2	2
26	2	2	1	1	2	2	2	1	***	0	***	5	6	3	2	2	1	1	2	1	1	1	2	2	2
27	2	3	3	3	3	3	3	4	3	2	2	4	2	0	1	2	2	1	6	4	3	1	1	1	1
28	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1	0	1	1	1	1
29	1	1	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1
30	1	2	2	1	2	2	2	2	***	1	0	0	1	1	1	1	1	1	1	1	1	3	3	1	1
MEAN	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	3	3	3	1	0
3	2	1	0	0	1	1	2	2	1	1	1	0	1	1	1	1	0	0	1	0	5	3	3	2	1
4	1	2	1	1	0	3	4	4	4	4	4	6	6	4	1	1	0	0	1	1	1	3	4	2	
5	2	2	2	2	2	2	1	1	1	1	1	0	1	0	1	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	1	1	0	0	1	0	0	1	0	3	3	4	5	5	5	5	3	1	1	2	0	0	0	0	
10	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	3	2	2	2	1	2	1
11	1	1	1	1	1	1	1	1	0	3	4	2	2	1	1	1	0	1	1	2	2	2	1	2	1
12	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	0	0	1	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16																									
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28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	2	1	1	1	1

PERCENTAGE OF DATA VALID - 36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - NANTICOKE GS E 60

NO 22031

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	3	7
FEB	28	2	3	5
MAR	31	2	4	7
APR	30	2	5	8
MAY	31	2	4	9
JUN	30	3	5	8
JUL	31	3	5	8
AUG	31	2	5	10
SEP	29	2	4	7
OCT	15	1	2	6
YEAR	287	2	5	10

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - 0.01 PARTS/MILLION

STATION - NANTICOKE GS E 60

NO 22031

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	448	242	36	2	0	0	0	728
FEB	376	257	28	0	0	0	0	661
MAR	375	253	94	5	0	0	0	727
APR	278	255	167	8	0	0	0	708
MAY	320	253	160	3	0	0	0	736
JUN	269	221	211	11	0	0	0	712
JUL	247	207	262	18	0	0	0	734
AUG	335	175	192	25	0	0	0	727
SEP	435	168	67	5	0	0	0	675
OCT	216	38	16	0	0	0	0	270
YEAR	3299	2069	1233	77	0	0	0	6678

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	0.2	0.6	1.0	2.1	4.1	4.9	5.7	6.2	10	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	5	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	4	3	2
2	2	2	2	2	2	2	3	4	5	4	4	4	2	1	1	0	0	0	0	0	1	1	1	2	2
3	2	3	3	3	2	2	2	3	4	4	4	4	4	3	3	4	4	5	4	4	3	4	4	2	3
4	3	2	1	1	2	2	2	3	4	4	3	3	3	4	4	4	2	2	3	3	4	4	4	4	3
5	5	5	5	5	5	4	5	5	5	5	5	6	4	3	2	2	2	3	4	2	2	4	4	6	4
6	8	9	8	7	7	6	6	5	4	4	3	2	2	2	2	1	0	0	1	1	1	1	3	4	4
7	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	1	2	3	3	2	2	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	1	1	1	1	3	4	3	1
9	1	3	2	2	1	1	1	1	2	2	2	2	3	3	3	3	3	3	4	6	6	7	7	7	3
10	6	6	6	5	5	5	3	2	2	2	4	4	4	2	1	1	1	1	1	1	1	1	1	1	3
11	1	4	4	4	4	5	5	4	3	2	1	1	1	1	1	2	2	3	3	2	2	3	3	5	3
12	3	2	2	3	4	3	2	3	3	3	3	2	1	2	1	0	0	1	1	2	2	3	2	5	3
13	3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	3	4	4	5	2	2	2	3
14	2	2	2	3	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	1	1	1	2
16	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	3	2	2	2	2	1	1	1	1
17	2	5	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2
18	2	2	2	1	1	1	1	1	1	1	1	2	4	5	5	5	6	6	6	6	5	5	5	5	3
19	5	5	5	4	4	3	3	2	2	2	2	3	3	2	1	1	3	4	4	3	4	6	7	7	3
20	6	5	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
21	3	2	2	2	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	2	2	2	2	2
22	2	1	1	1	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	3	1
23	3	4	3	2	1	1	2	2	3	3	4	4	4	2	1	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	2	2	2	2	3	4	5	5	5	5	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	2	3	3	2	2	4	4	3	2	2	2	1	1	1	2	3	3	2
26	4	3	3	3	3	3	3	3	3	3	3	3	2	1	2	2	1	2	1	0	0	0	0	0	2
27	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1
28	1	1	1	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	3	1
29	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	1
30	2	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2	5	4	4	3	1	0	1	1	2
31	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	1
MEAN	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	1
2	5	5	6	6	2	2	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	6	7	7	3
3	7	7	7	7	7	7	7	7	6	5	4	5	5	5	5	5	5	6	7	7	5	5	5	6	6
4	5	6	7	7	7	7	6	6	6	4	4	5	5	3	1	1	0	0	1	1	1	1	1	2	4
5	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	1	1	2	2	2	2	3	1
6	4	5	5	6	6	6	6	4	3	3	2	2	3	3	3	3	3	4	4	3	3	2	2	2	4
7	2	5	5	5	4	4	3	3	4	3	3	3	4	4	3	3	3	3	4	5	6	7	6	5	3
8	1	1	0	1	1	1	1	2	2	3	3	3	4	4	3	3	3	3	4	5	6	7	6	5	3
9	5	5	4	4	4	4	4	4	4	4	4	4	4	3	2	1	2	1	1	2	2	4	3	3	3
10	3	4	4	4	3	4	4	5	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	2	2	2	2	2	2	2	3	4	3	1	3	3	3	3	2	1	1	1	2
12	2	2	2	1	2	2	2	3	4	3	2	2	3	4	3	3	4	4	4	3	3	3	3	3	3
13	3	2	2	3	3	2	2	2	2	2	3	3	4	5	4	4	3	2	1	1	1	0	0	0	2
14	0	0	0	0	0	0	0	1	1	2	3	3	3	3	0	0	1	1	4	5	7	5	4	4	2
15	2	1	1	0	0	0	0	2	2	3	4	3	2	3	3	3	3	3	3	3	4	4	3	4	2
16	5	7	7	7	6	5	3	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	4	4
17	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1
18	0	0	0	1	1	1	2	3	5	2	2	1	1	1	4	3	2	3	2	3	2	1	1	1	1
19	4	4	4	4	3	4	4	4	4	4	3	3	2	2	2	3	3	3	3	2	3	7	6	3	2
20	3	3	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	6	8	7	6	2
21	5	4	3	2	3	3	3	5	4	4	4	4	4	3	3	3	4	7	4	2	2	2	2	3	3
22	3	3	3	3	3	2	1	2	3	2	2	1	1	1	0	0	1	2	2	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	4	5	2	1	1	1
25	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1
27	0	1	2	2	3	3	2	3	3	3	4	4	4	4	3	3	3	3	3	3	2	2	2	2	3
28	2	2	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	4	3	2	3	3
MEAN	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	0	1	2	1	0	1
2	0	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	2	3	4	5	2
3	4	4	4	2	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	4	5	5	3	2	2	1	1	1
5	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	0	0	0	0	0	1	1
6	1	1	1	1	1	1	1	2	2	3	3	3	2	3	4	4	4	4	3	2	1	1	1	1	2
7	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1
8	1	3	2	2	1	0	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1
9	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	3	3	1	1	1	2	5	4	2	2
10	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	1	1	1	1
11	1	1	1	1	2	2	2	2	3	2	2	1	2	2	1	1	1	1	2	3	3	1	4	2	2
12	4	3	1	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14																									
15																									
16	4	4	3	3	3	3	3	3	2	2	2	2	2	3	3	3	5	4	3	3	3	2	2	4	2
17	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1
18	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	2	2	2	2	2	1
21	2	2	2	2	2	2	1	1	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2
23	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28																									
29																									
30																									
31	4	4	3	2	2	3	2	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	2
MEAN	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	1	1	1	1	1	2	2	1	1	1	2	1	2	1	0	1	1	2	2	2	2
2	2	2	1	1	1	1	2	2	2	2	2	2	2	1	0	0	0	0	1	2	1	1	2	3	1
3	3	2	2	3	4	4	6	4	4	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	0	0	0	0	1	2	1	2	2	1	1	0	0	0	1	2	2	2	4	4	4	4	1
5	3	3	4	4	3	3	3	4	4	5	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1
11	1	1	1	2	3	5	5	6	4	3	3	4	4	5	5	5	7	6	6	6	4	3	3	3	4
12	3	5	8	5	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	3	2	2	2	4	1	2	3	3	2	2	2	4	0	0	0	0	0	0	0	3	4	2	4	2
21	3	7	4	3	3	2	2	3	3	4	3	2	1	2	2	2	4	2	2	2	3	1	1	2	2
22	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	2	2	2	2	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	2	2	2	2	2
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1
30	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
2	2	2	2	3	4	5	6	4	3	2	2	2	2	2	1	2	1	1	1	2	2	1	1	1	2
3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
5	1	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	4	3	1	1	3	4	6	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2
9	1	2	2	2	2	2	3	2	1	1	2	1	1	1	2	1	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	2	1	2	3	1	1	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	2	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1
15	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	1	1	3	2	4	4	4	3	4	3	2	1	2	2	2	1	1	1	1	2	4	3	2
17	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	0	0	0	1	1	1	3	3	1
19	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0
20	3	1	1	1	1	2	3	2	2	2	2	2	2	1	0	0	0	0	0	0	0	1	2	1	1
21	1	1	2	1	1	1	3	4	6	5	5	4	3	2	2	1	1	1	1	1	2	1	1	4	2
22	4	3	3	4	2	4	5	3	2	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
27	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	2
28	3	3	2	2	1	1	2	3	2	2	2	2	2	3	3	4	3	2	2	2	1	1	1	0	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
30	6	9	5	3	3	3	4	4	3	3	2	2	3	2	2	2	2	1	1	2	4	5	5	5	3
31	2	2	2	2	3	3	4	4	5	5	4	3	1	1	1	1	0	0	0	1	1	1	1	2	2
MEAN	1	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	4	3	4	2
2	3	2	3	3	2	3	3	3	3	3	3	2	1	1	1	1	1	1	1	2	3	4	3	2	2
3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2
4	2	1	1	1	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2
5	1	1	1	1	2	2	3	3	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1
6	0	0	0	0	1	1	2	2	1	2	2	2	1	1	2	1	0	0	0	0	0	0	0	0	1
7	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1
9	2	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1
10	0	0	0	1	1	1	1	1	0	1	2	1	1	1	1	1	1	0	0	0	1	0	0	0	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1
13	1	1	1	2	1	2	3	3	2	2	2	3	2	1	1	1	1	1	1	1	2	1	1	1	2
14	1	1	1	2	2	1	4	2	2	2	2	3	2	1	1	1	1	1	1	1	1	2	1	1	1
15	1	0	0	0	0	0	1	1	2	2	3	3	3	1	1	0	0	0	0	0	0	0	0	1	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0
17	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	1	1	1	1	1	2	3	3	2	2	2	3	3	2	1	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	1	2	3	3	3	1	2	4	3	3	2	2	1	1	3	1	1	1	1	2
20	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
21	0	0	0	0	0	0	3	2	2	2	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	1	2	2	2	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	0
23	2	4	4	3	1	2	3	3	3	3	3	3	2	3	2	2	2	1	1	1	1	1	1	1	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	1	1	2	1	1	2	3	2	2	2	3	2	1	2	3	2	1	1	1	2	2	2	2
26	3	3	2	3	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2
27	2	1	1	1	1	2	3	3	3	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2
28	2	2	2	2	2	3	6	6	5	3	1	1	1	1	1	1	1	0	2	1	2	2	2	2	2
29	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	2	4	3	1	1	1
30	1	1	1	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	3	3	1	1
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	1	1	1

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	2	2	2	2	3	3	5	3	3	5	2	3	3	2	2	1	1	1	0	0	0	1	1	1	2
30	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	1	1	1	4	4	2	2	1
31	2	3	2	2	2	5	3	3	2	2	2	2	1	1	1	0	1	1	1	1	6	7	7	5	3
MEAN	2	2	2	2	2	3	3	3	2	3	2	2	2	1	1	0	1	1	1	1	3	4	3	3	2

PERCENTAGE OF DATA VALID - 9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	2	2	2	3	3	3	2	2	2	1	0	1	1	1	1	1	1	2	4	3	3	2
2	3	2	1	1	1	2	4	3	3	3	3	2	2	2	1	0	1	1	3	5	2	2	2	1	2
3	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	1	1	2
4	0	1	1	1	1	1	1	1	2	2	2	2	1	1	0	0	0	1	1	1	1	1	1	2	1
5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	1	1	3	3	3	2	2
6	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	3	4	6	2	2	2
7	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	4	7	6	1	1	2
8	1	2	1	1	1	2	4	5	3	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	2
9	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
10	1	2	2	2	2	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	0	0	0	0	2	2	2	2	2	3	2	1	1	1	1	3	1	1	0
13	3	1	2	2	2	4	4	4	4	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	1	0	0	1	1	2	2	2	2	4	0	0	1	1	0	1	2	5	8	6	3	2
15	1	0	1	1	1	1	2	2	2	1	0	0	1	1	1	0	0	0	2	3	5	2	5	7	2
16	3	1	1	0	0	0	2	2	2	2	1	0	0	0	0	0	0	0	1	4	4	2	1	0	1
17	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
18	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	5	4	1	0	1	1
19	0	0	0	0	2	6	7	0	1	1	1	1	2	1	1	1	1	0	0	0	0	1	2	1	1
20	1	0	1	0	1	1	4	4	2	2	2	1	1	1	1	0	0	0	1	2	2	5	5	4	2
21	2	1	1	2	3	3	7	7	4	3	2	2	3	2	1	0	0	0	1	5	5	2	2	1	3
22	1	1	1	1	2	5	5	3	3	2	1	1	1	1	1	1	1	0	1	3	4	2	4	2	2
23	2	1	3	3	5	9	8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24													- DATA MISSING -												
25													- DATA MISSING -												
26	1	1	1	0	0	0	2	2	1	0	2	1	0	0	0	0	0	0	0	0	1	1	1	0	1
27	1	1	1	1	1	2	2	2	2	2	1	1	1	1	0	0	0	1	2	3	2	2	2	1	1
28	4	5	4	2	2	1	2	3	5	3	2	1	1	1	1	0	0	0	0	0	1	2	3	2	2
29	2	1	1	1	1	5	6	3	2	2	2	2	2	2	2	2	1	2	1	5	5	4	3	2	3
30																									
31	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	4	4	2	2	1
MEAN	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	0	0	1	2	2	3	2	2	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	2	2	2	3	3	3	3	3	4	3	3	3	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	4	2	1	1	0	0	1	1
3	1	2	1	1	1	1	2	1	0	1	***	***	4	4	3	1	0	1	1	2	3	2	1	1	2
4	0	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0	1	1	2	2	2	1	1	1	1
5	1	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	0	3	2	1	1	2	1
6	1	1	2	1	1	2	3	3	2	2	***	0	1	0	1	1	1	1	1	1	1	1	1	2	1
7	1	0	0	1	2	3	6	6	6	4	2	1	1	1	1	1	1	0	1	3	2	3	3	3	2
8	1	2	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1
9	0	0	1	1	2	1	2	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10																									
11																									
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29																									
30																									
MEAN	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
6													- DATA MISSING -													
7													- DATA MISSING -													
8													- DATA MISSING -													
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	3	3	2	2	1	1	
11	0	0	0	0	0	0	0	0	0	0	0	6	6	6	6	6	7	7	6	6	5	6	7	6	3	
12	5	4	4	5	3	2	4	2	3	4	2	1	1	2	3	4	5	5	5	6	5	6	5	5	4	
13	4	3	3	3	3	3	3	4	4	4	5	2	2	6	5	4	3	4	4	7	7	7	4	7	4	
14	6	5	5	4	3	3	2	2	3	3	3	2	1	1	1	0	1	3	3	3	3	5	4	5	3	
15	4	3	2	2	2	2	3	1	2	3	2	1	2	2	1	1	1	2	3	2	1	1	1	1	2	
16	1	1	0	0	0	1	1	1	0	2	1	2	2	2	3	2	3	3	2	2	2	3	3	2	2	
17	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	
18	0	0	1	0	0	0	0	0	2	2	2	2	2	2	3	3	3	3	3	3	2	1	0	1	1	
19	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	3	2	2	2	2	2	2	2	2	
20	1	1	1	0	0	1	0	1	1	1	0	2	1	1	0	1	1	1	2	2	1	1	1	1	1	
21	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	1	2	2	1	2	2	1	0	0	1	
22	1	1	3	2	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	2	2	1	1	1	
23	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	
24	1	1	1	0	0	0	0	0	0	3	2	2	3	2	1	1	2	4	5	4	3	2	1	1	2	
25	1	1	1	1	0	0	0	0	1	2	3	3	2	2	1	1	2	2	2	2	2	1	1	1	1	
26	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	2	2	3	1	1	
27	2	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	3	3	4	3	3	3	3	2	
29	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	1	1	2	
30	1	0	0	1	2	1	1	2	2	2	2	3	2	2	1	1	1	1	1	0	1	1	1	1	1	
31	1	1	1	1	1	1	1	1	1	0	0	4	4	3	2	0	1	1	1	1	1	1	1	1	1	
MEAN	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	2	2	2	3	2	2	2	2	2	
PERCENTAGE OF DATA VALID -					70																					

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	4	9
FEB	28	2	6	8
MAR	28	2	3	5
APR	30	2	4	8
MAY	31	1	3	9
JUN	30	1	2	6
JUL	3	2	3	7
AUG	29	1	3	9
SEP	9	1	2	6
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC	23	2	4	7
YEAR	242	2	6	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - 0.01 PARTS/MILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS

NO 22032

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	263	322	118	8	0	0	0	711
FEB	261	219	134	25	0	0	0	639
MAR	311	235	39	0	0	0	0	585
APR	221	353	73	5	0	0	0	652
MAY	500	192	40	1	0	0	0	733
JUN	434	219	10	0	0	0	0	663
JUL	32	31	7	2	0	0	0	72
AUG	416	189	50	8	0	0	0	663
SEP	144	46	9	0	0	0	0	199
OCT		DATA MISSING						
NOV		DATA MISSING						
DEC	313	151	50	7	0	0	0	521
YEAR	2895	1957	530	56	0	0	0	5438

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
74	0	0.2	0.6	0.9	1.7	3.1	4.0	5.2	6.0	9	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	6	5	5	4	3	3	4	5	6	6	6	7	7	7	7	7	6	7	7	6	6	6	6	6	6
10	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	5	5	5	2
11	4	3	6	7	7	6	8	10	10	10	9	8	7	6	10	11	11	10	9	6	5	5	4	2	7
12	2	1	1	1	1	1	1	4	5	5	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3
13	2	2	2	2	2	2	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14													- DATA MISSING -												
15													- DATA MISSING -												
16	6	5	4	3	2	2	4	5	6	5	3	3	3	3	3	3	3	3	2	2	1	1	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
18	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	5	6	3	5	10	10	9	10	10	4
19	10	8	8	8	7	3	2	3	3	2	2	2	1	1	1	3	4	4	4	4	3	3	2	2	4
20	2	1	2	2	2	2	5	7	8	9	10	10	10	10	10	10	11	11	10	10	10	10	10	10	8
21	9	8	7	6	6	4	2	3	4	4	3	2	2	2	2	2	2	2	2	2	4	6	9	9	4
22	8	7	4	2	3	1	2	4	4	2	2	2	1	1	1	2	2	8	10	10	9	9	9	9	5
23	9	8	8	4	2	3	6	7	8	4	2	1	1	1	2	1	1	1	1	1	1	1	1	2	3
24	1	1	1	1	0	0	1	0	1	0	1	0	1	3	4	4	7	1	1	1	1	1	5	6	2
25	2	2	2	2	1	1	3	5	6	7	8	8	8	8	9	9	9	9	9	10	9	9	9	9	6
26	9	8	7	6	6	6	8	9	9	8	7	7	7	8	8	8	9	9	10	10	10	10	10	10	6
27	5	3	4	4	3	3	4	5	5	5	4	1	1	1	1	1	1	2	2	3	4	5	5	5	3
28	6	4	3	2	1	1	1	5	5	5	6	7	7	8	8	8	9	9	9	8	8	8	8	7	6
29	6	6	6	5	5	5	7	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	6	7
30	6	6	5	4	3	2	4	5	6	6	6	6	6	7	7	7	7	7	7	7	6	6	6	6	6
31	6	6	6	6	4	3	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	5	4	4	3	3	2	3	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 68

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	3	5	6	6	8	8	8	8	8	8	8	8	7	7	6	6	5
2	6	4	3	2	3	4	7	8	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5
3	6	4	3	2	3	5	6	8	8	10	9	9	9	9	9	10	10	10	9	9	9	9	8	6	5
4	6	7	4	3	4	4	6	8	9	8	8	8	8	8	7	6	4	4	6	2	1	2	2	3	5
5	2	1	0	0	1	0	1	3	3	4	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2
6	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	4	5	6	7	2	
7	7	7	7	6	4	4	4	4	4	4	3	2	2	3	3	3	3	2	3	3	3	2	3	2	4
8	2	2	2	1	1	1	2	3	4	5	5	5	7	7	7	7	7	7	7	7	6	6	6	5	
9	5	3	2	2	1	1	2	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	3	3	3
10	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	5	7	8	8	3
11	7	6	5	3	3	2	3	5	5	4	3	3	3	7	10	9	9	10	9	9	9	9	9	10	6
12	10	9	8	7	6	5	5	6	6	7	7	7	8	8	8	8	8	8	8	8	7	7	7	7	7
13	7	7	7	6	6	6	6	7	7	7	8	8	8	8	7	7	8	8	8	8	8	7	6	6	7
14	7	7	7	7	6	5	4	4	5	6	7	8	8	8	9	8	8	8	8	7	6	5	5	4	7
15	3	3	2	2	1	1	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	4	2
16	3	2	3	2	3	3	4	5	4	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
17	8	4	2	2	2	2	4	5	4	3	2	2	2	3	2	3	3	3	4	3	4	11	12	11	3
18	2	2	2	2	2	1	2	3	3	3	2	2	3	3	4	3	10	14	14	15	13	14	14	14	6
19	14	14	11	11	11	13	12	14	14	14	14	14	13	13	13	14	15	16	15	14	14	13	13	14	13
20																									
21	13	12	12	11	11	11	11	11	12	14	14	14	15	16	18	18	17	14	12	14	13	13	12	11	13
22	7	4	3	3	7	9	10	11	11	10	11	11	12	12	10	10	12	12	11	11	11	8	4	2	9
23	2	1	1	1	1	1	3	4	4	3	2	2	2	2	2	2	3	4	3	3	2	2	1	1	2
24	1	0	0	0	0	0	1	2	2	2	2	1	1	2	2	2	3	4	5	6	6	5	5	4	2
25	4	5	5	6	7	7	8	9	10	12	8	9	11	11	11	11	11	11	11	11	11	11	11	11	11
26	7	8	8	8	7	7	6	8	8	6	8	10	14	16	17	19	17	17	17	17	17	17	17	17	9
27	8	8	8	8	8	8	10	12	14	15	16	19	18	17	17	17	16	15	17	18	18	18	17	14	14
28	15	16	16	15	14	11	11	10	11	9	9	10	14	15	15	14	14	14	9	6	9	9	8	7	12
29	6	7	4	4	4	5	7	8	7	8	9	10	14	15	15	14	14	14	3	2	3	4	4	3	5
30	4	3	3	4	5	5	7	9	12	11	10	12	12	12	12	12	12	12	11	11	8	5	3	2	8
MEAN	6	5	5	4	4	4	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	6	6

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	3	4	3	2	2	***	1	2	1	1	2	2	3	2	3	5	5	5	4	2
2	4	4	4	7	8	8	8	9	8	9	9	8	8	9	9	9	10	9	9	9	9	9	9	8	8
3	8	8	7	6	7	7	8	7	8	10	13	13	***	10	11	6	3	3	1	1	1	1	1	1	6
4	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	1	1	2	2	7	8	7	7	2
5	8	8	8	8	8	7	9	8	7	7	7	7	8	8	8	8	8	8	8	8	8	7	8	7	8
6	7	6	4	4	4	5	7	6	5	7	6	5	3	2	***	2	2	2	2	2	1	1	1	1	4
7	1	1	1	1	1	2	3	2	2	1	2	2	2	2	1	2	2	2	2	2	2	3	4	5	2
8	4	4	4	4	4	4	5	6	7	9	7	7	7	7	***	7	7	7	8	7	7	***	***	***	6
9	- DATA MISSING -																								
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	3	8	9	9	8	8	***
11	7	7	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8	8	9	9	8	8	8	8	7
12	7	7	6	4	3	2	2	6	7	7	7	7	6	6	6	6	7	7	6	6	6	6	3	1	5
13	1	1	1	1	1	1	2	2	2	2	1	1	***	1	1	2	2	2	2	2	5	5	5	5	2
14	6	5	5	4	6	6	6	6	6	7	7	9	10	12	12	10	8	4	3	8	10	9	9	8	7
15	8	6	5	2	3	7	7	8	6	3	4	3	2	2	2	1	1	1	1	1	2	1	2	2	3
16	3	3	2	3	3	3	5	6	6	5	6	8	8	7	7	7	7	7	7	6	6	6	6	5	6
17	5	4	4	5	5	5	5	7	7	5	3	3	2	3	2	2	2	2	3	5	4	6	5	4	4
18	2	2	2	2	2	4	2	2	5	6	7	7	6	6	8	6	6	6	6	2	1	1	1	2	4
19	2	4	3	1	2	3	3	5	4	4	5	4	5	6	5	6	6	6	6	6	6	6	4	4	4
20	4	5	5	5	5	3	4	6	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	6	6
21	7	7	6	6	5	4	5	6	6	7	7	7	8	8	8	***	17	16	14	12	12	12	10	10	9
22	10	11	11	10	9	8	7	7	8	9	12	14	17	20	19	18	17	17	10	3	2	5	7	4	11
23	2	2	1	3	2	0	0	0	0	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	***
25	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	0
27	2	2	2	1	1	1	1	3	3	4	3	2	2	7	8	4	4	4	4	3	3	4	3	3	3
28	3	3	2	2	3	4	5	5	6	5	***	***	12	13	13	14	14	14	13	14	14	13	12	11	9
29	11	10	10	9	9	10	10	11	12	11	12	10	16	18	36	35	30	28	20	15	13	9	9	9	15
30	8	6	3	3	3	4	5	7	5	4	6	19	23	23	21	23	26	23	21	19	18	15	14	13	13
31	12	10	9	8	9	11	13	14	14	14	14	15	16	17	16	12	6	4	5	4	4	4	3	3	10
MEAN	5	5	4	4	4	4	5	5	5	5	6	6	7	8	8	7	7	7	6	6	6	6	6	5	6

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	4	4	4	2	3	3	3	2	2	2	2	2	2	2	3	4	6	6	3
2	6	6	6	6	5	4	2	2	2	2	2	4	12	13	13	14	14	14	14	13	12	13	10	7	8
3	7	6	6	5	5	7	9	11	7	7	7	4	8	18	18	19	18	18	17	17	16	15	14	12	11
4	8	7	4	7	6	9	13	17	18	18	20	21	22	22	***	***	23	21	18	18	17	16	15	15	16
5	14	12	11	10	10	11	15	18	19	19	20	17	18	20	22	22	21	20	22	22	19	14	18	17	17
6	16	15	13	11	8	12	13	15	15	15	16	17	17	17	18	18	18	17	16	15	13	12	12	11	15
7	10	9	8	7	10	12	14	15	16	16	16	16	16	16	18	20	19	18	16	15	15	14	13	11	14
8	11	11	10	8	9	9	10	11	***	***	11	13	13	14	14	15	14	14	14	14	13	12	12	12	12
9	11	9	9	9	9	9	9	8	8	9	10	12	11	11	9	10	10	11	11	12	11	10	10	9	10
10	8	7	6	6	6	6	7	9	10	9	***	***	***	11	12	12	12	12	10	8	7	6	5	8	
11	4	3	2	2	2	2	3	4	4	3	1	1	1	1	1	1	2	2	2	4	8	9	7	8	3
12	7	7	5	3	4	4	4	5	2	***	1	1	1	1	1	1	1	2	3	6	6	7	7	7	4
13	7	6	6	3	3	4	7	9	9	9	9	6	6	8	9	10	10	9	8	8	7	7	8	7	7
14	8	8	8	8	8	9	11	12	14	14	14	14	15	16	15	14	14	14	14	14	14	14	12	12	12
15	13	12	11	10	9	10	10	10	10	10	10	10	10	11	12	11	10	9	9	9	9	8	8	10	10
16	8	7	7	6	6	7	8	8	8	9	9	9	10	11	11	12	12	12	12	11	10	10	8	9	6
17	8	6	6	5	4	4	4	7	4	4	5	***	***	6	7	7	8	8	9	9	7	7	7	7	6
18	6	5	5	6	6	5	6	6	7	6	7	7	7	8	8	9	9	9	9	9	9	8	8	7	7
19	8	8	7	7	7	8	9	10	9	9	9	9	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	14	15	21	23	22	24	15	7	5	5	7	11	11	12	12	12	14
21	13	12	11	10	10	10	11	13	17	16	18	15	9	6	16	22	19	12	9	8	8	8	7	6	12
22	6	7	6	5	5	5	5	7	6	***	5	5	5	5	4	5	5	5	5	6	6	7	8	6	6
23	5	4	3	2	2	3	3	4	5	4	5	5	5	5	5	5	6	6	6	7	8	9	9	5	5
24	7	5	4	5	5	6	9	9	9	8	7	***	***	7	9	15	15	14	11	12	12	11	10	10	9
25	8	6	5	5	6	9	10	12	11	9	10	13	17	16	16	17	17	17	16	14	13	12	11	11	12
26	8	6	5	4	4	6	10	13	13	14	15	16	19	***	16	17	17	17	17	16	16	15	15	16	13
27	15	14	14	13	13	13	14	17	21	24	24	22	20	19	18	18	17	16	16	16	16	14	14	17	17
28	11	9	7	6	6	9	13	16	***	***	15	16	17	17	18	19	20	20	19	19	17	16	14	15	15
29	14	12	12	8	5	5	5	5	7	9	9	10	9	8	9	9	9	8	8	10	14	15	16	10	10
30	17	17	14	13	11	13	12	13	13	13	13	14	15	13	7	5	4	4	4	6	8	8	10	9	11
MEAN	9	8	7	7	6	7	9	10	10	11	11	11	12	12	12	12	12	12	11	11	11	11	10	10	10

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	7	8	8	8	9	7	9	8	6	8	4	4	3	3	3	3	4	8	11	11	12	14	7	
2	14	13	10	7	8	11	11	12	13	13	13	11	***	***	13	15	16	16	15	13	13	14	14	13	13
3	12	7	10	10	10	10	11	11	10	12	8	10	11	12	7	6	6	15	18	18	17	16	16	15	12
4	13	12	10	10	10	10	11	13	14	14	15	14	***	16	15	16	16	15	10	10	10	9	9	8	12
5	6	6	5	5	4	5	5	4	4	3	3	3	3	3	3	3	3	3	4	5	5	5	5	4	5
6	5	5	5	5	5	6	6	10	15	***	10	10	11	12	11	11	11	12	11	11	11	9	9	9	9
7	9	8	7	5	5	5	5	5	6	4	4	4	14	13	4	3	2	2	3	4	6	7	8	8	6
8	7	5	4	4	7	10	11	14	10	6	4	4	***	***	3	2	2	1	1	1	2	4	9	4	5
9	2	5	2	3	2	2	4	5	5	4	3	3	***	***	***	0	2	2	3	3	3	5	4	4	3
10	5	5	4	4	4	4	5	6	7	6	***	2	2	2	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	2	2	3	4	2	***
12	0	0	0	0	0	2	4	4	5	***	2	***	2	2	2	2	3	12	6	3	5	7	6	6	3
13	6	6	7	5	5	6	7	5	6	4	3	3	3	2	3	1	1	1	1	2	3	8	10	4	4
14	11	14	14	11	9	10	9	3	2	1	1	1	4	10	17	17	1	1	1	2	3	4	2	2	6
15	***	***	***	***	***	***	***	***	***	***	***	2	1	1	2	2	3	2	2	2	2	1	1	1	***
16	1	1	0	0	1	2	4	4	5	2	1	1	2	2	2	1	8	16	6	3	4	4	4	5	3
17	6	5	4	3	3	5	6	8	12	9	4	8	15	***	***	12	15	11	5	10	12	12	12	11	9
18	9	9	9	9	8	10	11	13	14	14	***	12	10	9	8	14	10	18	18	17	17	16	14	4	12
19	3	1	1	1	1	2	5	***	4	2	2	2	2	2	2	2	2	2	2	2	3	2	3	1	2
20	2	1	1	1	1	2	2	2	3	2	2	2	2	1	2	2	2	2	2	3	3	4	4	4	2
21	3	3	2	2	2	2	2	2	3	2	3	3	5	10	13	13	11	12	13	14	14	11	10	10	7
22	9	9	8	8	9	10	12	13	17	14	14	15	16	***	15	15	14	14	12	12	11	10	10	3	12
23	1	1	1	1	1	2	5	6	7	5	5	4	***	4	***	11	12	13	12	12	11	10	9	3	6
24	2	2	1	1	2	2	4	5	3	2	2	2	***	***	2	2	2	2	3	3	5	11	15	11	4
25	9	8	5	5	6	6	6	7	7	8	***	9	10	11	12	12	12	11	11	10	10	10	10	9	9
26	8	8	8	5	5	8	9	10	10	10	10	10	11	***	15	13	15	15	14	13	13	12	11	10	11
27	10	9	8	8	8	8	9	10	12	13	15	16	19	20	19	8	8	3	4	5	5	7	8	8	10
28	9	9	7	6	6	6	6	5	9	10	10	11	***	5	3	2	1	1	8	10	10	8	8	8	7
29	9	8	6	7	7	7	7	8	8	7	9	9	9	10	11	12	12	12	8	3	6	6	6	7	8
30	6	4	4	3	2	3	4	5	4	3	7	9	8	8	3	3	7	9	9	8	8	7	6	5	6
31	5	3	2	2	2	3	4	5	6	3	2	3	2	2	3	3	3	2	2	3	4	4	4	4	3
MEAN	7	6	5	5	5	6	7	7	8	7	6	6	7	7	7	7	7	8	7	7	8	8	8	7	7

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	3	4	5	4	3	3	***	***	3	5	4	3	5	6	8	7	8	7	4
2	8	8	6	5	6	6	7	7	7	8	10	10	***	16	17	17	16	17	16	14	13	13	12	11	11
3	10	7	5	5	5	6	7	8	9	9	9	10	10	10	11	10	10	10	10	10	9	9	8	9	6
4	8	8	6	5	5	4	5	6	5	6	6	7	6	5	5	5	5	5	5	5	5	5	5	5	9
5	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	2
6	4	3	3	3	2	2	3	6	8	8	9	10	10	***	10	10	9	8	8	8	8	7	7	6	7
7	6	6	4	2	2	5	7	8	11	10	9	10	12	10	9	9	9	9	9	10	11	11	11	10	8
8	9	8	8	7	7	6	7	9	11	20	16	14	12	13	12	13	12	11	9	8	7	7	7	10	10
9	6	4	4	4	4	5	5	6	6	7	***	***	9	11	11	11	10	9	9	9	9	9	8	8	8
10	7	5	5	4	1	1	3	7	7	7	7	10	10	10	10	10	10	9	11	13	13	13	12	10	8
11	10	9	8	6	6	6	6	9	10	***	12	12	14	14	13	14	14	13	14	13	13	11	9	11	11
12	6	4	4	5	6	8	9	8	8	8	9	10	9	10	10	13	13	13	13	12	10	8	5	9	
13	5	6	7	6	6	8	8	11	14	12	***	4	3	3	12	7	3	3	3	3	3	3	3	3	6
14	2	2	2	1	2	2	4	4	3	3	3	3	3	2	2	3	3	3	3	4	3	3	4	3	3
15	4	4	3	2	2	3	5	7	9	9	9	9	10	12	12	12	13	16	15	10	8	9	9	8	8
16	8	7	7	6	5	5	8	11	17	17	14	16	16	19	24	23	22	18	17	16	15	14	14	13	14
17	12	9	7	7	9	9	10	10	8	4	3	2	2	6	15	13	12	2	2	2	2	3	5	7	7
18	5	3	3	2	2	2	2	2	1	3	7	10	9	10	11	10	11	10	10	***	***	***	***	***	6
19	***	***	***	***	***	***	***	***	***	***	***	***	2	2	3	12	20	16	13	12	12	13	13	12	***
20	12	11	10	10	8	8	11	13	14	20	23	21	19	15	15	16	16	17	17	17	16	15	14	13	15
21	12	10	8	8	7	8	8	10	18	25	18	15	***	14	15	15	16	15	14	14	14	13	11	13	13
22	10	9	8	8	9	11	12	12	13	15	17	19	18	***	17	16	15	15	15	14	13	12	12	12	13
23	10	10	9	8	7	10	12	13	***	15	16	18	17	9	11	11	12	11	6	4	3	3	3	3	10
24	2	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	4	3	2
25	3	3	3	2	2	2	3	3	4	5	5	6	6	6	6	7	7	6	6	6	6	6	6	6	5
26	6	5	4	3	4	4	4	7	10	***	10	12	14	16	16	16	15	13	12	11	11	11	9	9	10
27	9	7	6	1	2	7	8	8	7	3	2	2	2	2	3	3	3	3	3	3	2	3	4	3	4
28	3	3	3	3	3	3	3	3	2	2	2	2	3	2	2	3	3	3	3	4	4	3	3	3	3
29	3	2	1	1	1	2	3	5	5	5	7	7	7	7	7	9	8	7	7	7	7	6	6	5	5
30	5	6	5	4	3	4	6	6	4	3	3	2	5	5	17	16	12	13	14	12	11	11	11	11	8
31	10	8	7	5	6	8	8	8	8	7	7	5	2	1	1	1	1	1	2	3	3	3	3	3	5
MEAN	7	6	5	4	4	5	6	7	8	9	9	9	8	8	10	10	10	9	9	9	8	8	8	7	8

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	2	1	1	2	3	3	4	7	5	2	2	2	2	2	3	3	3
2	3	3	2	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
3	1	0	0	0	0	4	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
4	3	2	1	3	2	2	3	4	6	6	5	7	9	8	7	7	7	6	5	5	5	5	4	3	5
5	3	3	3	3	3	3	4	5	6	6	7	8	8	8	7	8	8	8	8	8	8	8	8	6	6
6	3	3	2	2	2	3	4	6	6	6	8	8	8	9	9	9	9	8	8	8	7	7	6	6	6
7	6	4	3	2	2	2	4	6	7	8	8	9	10	11	12	12	11	10	9	10	9	9	8	7	7
8	5	5	4	4	4	4	4	4	2	5	7	10	11	12	12	11	11	10	9	10	9	8	7	7	6
9	4	5	6	6	6	6	6	7	7	8	9	10	11	12	11	11	10	9	8	9	8	7	6	5	7
10	5	3	3	4	5	5	5	6	7	7	9	10	11	12	11	11	10	9	8	9	8	7	6	5	7
11	5	4	4	4	3	3	3	4	4	4	5	4	4	5	5	6	6	6	6	6	6	6	6	6	5
12	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4
13	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	7	7	7	7	7	7	4
15	7	8	7	7	7	7	7	7	8	8	8	9	9	9	7	4	5	6	7	7	7	7	7	7	4
16	3	3	3	3	3	3	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	DATA MISSING -																								
18	6	6	6	5	5	4	4	5	8	10	11	11	11	12	13	13	7	8	9	8	8	7	7	7	7
19	6	6	6	5	5	4	4	5	8	10	11	11	11	12	13	13	7	8	9	8	8	7	7	7	7
20	12	11	9	5	3	3	4	5	8	10	11	11	11	12	13	13	7	8	9	8	8	7	7	7	7
21	3	3	3	3	3	3	3	3	4	4	5	5	5	5	3	2	2	3	4	5	5	5	5	5	4
22	4	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	4	4	4	2
23	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	5	4	4	4	4
24	5	5	5	5	5	5	5	5	7	8	9	9	9	8	8	8	8	9	9	9	8	8	8	8	7
25	8	7	7	7	6	7	7	8	8	8	8	8	8	6	5	4	4	4	4	4	4	4	4	4	6
26	4	4	3	3	3	4	4	4	5	7	8	9	10	10	10	12	13	12	12	13	12	11	11	11	8
27	10	9	8	8	8	8	8	8	9	9	10	10	12	13	13	13	13	13	12	12	11	11	11	11	10
28	11	11	10	9	8	8	7	7	7	7	7	7	8	8	8	8	8	8	7	7	7	7	6	6	8
29	6	6	6	5	5	4	4	4	5	5	6	6	7	4	2	2	2	2	2	2	1	1	1	1	4
30	1	1	1	1	1	1	2	4	4	4	3	2	2	2	2	2	0	0	1	1	2	2	2	2	2
MEAN	5	5	4	4	4	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	3	3	3	4	4	4	4	5	5	5	6	6	6	6	6	6	6	5	5	4	4
2	5	4	4	4	4	4	4	5	5	4	4	4	4	4	2	2	3	3	3	3	2	2	2	2	3
3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	3	3	3	4	4	2
4	4	4	4	4	3	4	5	6	7	7	8	8	7	7	7	7	8	8	7	7	7	6	6	6	6
5	5	5	5	5	5	5	5	5	6	6	6	7	8	9	9	10	10	10	10	10	10	9	9	8	7
6	8	7	6	6	6	5	5	5	6	7	7	8	9	10	10	10	11	11	11	10	9	7	4	8	8
7	2	2	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	6	6	7	8	8	8	9	9	9	8	8	7	9	11	11	11	10	9	9	8	8	8	8	8	8
11	8	7	8	8	8	8	9	9	9	10	10	10	8	8	8	8	8	9	9	9	8	9	9	9	9
12	8	9	9	9	8	8	8	7	8	8	7	6	5	4	4	3	3	3	3	3	2	2	3	3	6
13	3	3	3	2	2	3	3	3	3	4	4	4	4	4	5	5	5	4	5	5	5	5	5	4	4
14	4	4	4	3	3	4	5	5	6	6	6	8	8	8	8	8	8	8	8	8	4	3	4	3	6
15	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	9	8	7	7	7	10	9	9	7	5	4	3	2	3	3	4	4	4	3	4	3	3	2	2	5
17	2	2	3	2	4	7	8	8	6	4	3	3	3	3	3	4	5	7	9	7	7	6	7	8	5
18	8	7	7	7	9	9	9	8	6	4	3	3	3	3	4	4	4	5	7	7	7	7	7	7	6
19	8	7	7	7	9	9	9	8	6	4	3	3	3	3	4	4	4	5	7	7	7	7	7	7	6
20	7	5	3	2	3	5	6	3	3	3	3	3	3	3	3	4	5	6	8	8	8	8	8	8	5
21	8	6	6	7	8	9	9	9	8	4	4	4	4	4	6	8	12	11	12	12	12	12	11	11	12
22	12	11	10	10	10	11	12	12	13	13	13	14	15	16	16	17	18	18	18	18	17	16	17	17	14
23	18	17	10	7	7	9	10	9	6	5	5	5	5	5	5	6	7	8	9	7	6	7	8	8	8
24	6	8	8	9	10	11	11	13	14	13	12	13	13	14	17	17	15	15	14	14	14	15	15	15	13
25	14	11	8	6	7	9	10	10	10	9	8	6	3	3	5	6	6	5	5	5	5	6	7	7	7
26	8	8	7	8	8	8	8	10	10	10	10	8	8	6	5	5	6	9	13	16	15	12	11	8	9
27	10	10	10	10	15	15	5	6	4	4	6	7	8	9	10	10	10	10	10	10	10	10	9	9	9
28	9	9	9	9	9	9	9	9	11	12	16	21	15	15	14	14	14	14	11	10	10	9	9	8	11
29	9	10	10	9	8	9	11	12	15	16	14	15	15	16	13	13	14	14	12	12	11	11	11	10	12
30	10	9	9	8	9	9	9	8	8	8	9	9	10	11	10	10	8	8	8	8	8	7	7	6	9
31	6	5	4	3	4	4	5	6	7	7	7	7	6	6	6	6	6	7	7	7	7	7	7	7	6
MEAN	7	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	7	7	7	7

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	4	5	5	5	6	6	6	5	5	5	4	5	6	7	7	7	6	4	4	4	4	5
2	4	4	4	3	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	5
3	6	6	6	5	5	5	5	6	5	6	7	7	7	7	7	7	7	7	7	6	5	3	3	3	6
4	2	2	2	2	2	3	5	5	5	5	4	3	3	3	4	5	6	6	6	6	6	6	6	5	4
5	5	5	4	4	5	5	5	6	6	6	5	5	5	2	3	3	3	3	3	3	3	3	3	3	4
6	2	2	2	1	2	2	2	3	2	3	2	2	2	3	3	3	3	4	4	4	3	3	3	4	3
7	2	2	2	2	2	4	4	5	5	3	***	2	3	3	3	5	6	6	6	5	5	5	5	5	4
8	4	5	5	5	6	6	6	9	8	9	8	8	***	7	11	10	10	11	10	9	7	6	6	6	7
9	5	5	4	4	5	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
10	5	6	5	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	3	3	3	4
11	3	3	3	3	2	3	3	3	4	4	5	5	6	7	7	8	8	8	7	7	7	6	6	6	5
12	5	4	4	5	4	4	4	4	4	4	4	4	4	3	3	4	3	2	2	2	2	2	3	2	3
13	3	3	2	2	2	3	3	4	4	4	4	***	3	***	4	3	4	4	4	4	4	4	4	4	3
14	4	4	3	3	4	4	4	3	4	4	4	***	5	5	4	5	5	5	5	6	5	5	5	4	4
15	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	4
16	5	5	5	4	4	4	4	4	4	4	4	3	3	3	3	5	6	6	6	6	6	6	6	5	5
17	5	5	5	4	4	3	3	3	4	4	4	3	3	3	3	4	5	5	5	5	5	5	5	5	4
18	5	4	3	3	3	3	3	4	5	5	3	3	3	***	3	3	3	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6	5	6	5	5	5	5	5	5	5	5
20	5	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	3	2	2	2	4
21	2	2	2	1	2	2	1	2	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	2	2
22	1	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	5	5	5	5	6	5	5	5	5
23	6	6	6	5	5	5	5	4	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	6	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	2	2	1	2	2	2	2	2	4
25	2	1	1	1	1	1	1	2	3	3	2	2	2	2	1	2	3	3	3	3	3	2	2	2	2
26	2	1	1	1	1	1	3	4	4	4	3	2	***	***	***	2	5	7	8	9	9	9	9	9	9
27	10	10	10	10	10	9	10	10	11	11	11	10	10	10	***	***	6	6	7	6	6	5	5	5	5
28	5	4	4	4	4	4	4	4	4	4	4	5	6	8	9	***	7	7	6	4	4	4	4	4	5
29	3	3	3	4	4	4	4	5	6	5	4	3	3	3	3	4	5	5	5	6	6	5	5	5	4
30	4	4	3	2	2	2	3	4	4	4	5	6	6	5	5	5	5	5	5	5	5	5	4	4	4
MEAN	4	4	4	3	4	4	4	4	5	5	4	4	4	5	4	5	5	5	5	5	5	5	4	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	3	3	3	3	4	4	4	***	7	7	7	7	7	7	6	6	6	5	6	5
2	5	3	3	3	2	2	3	4	5	4	4	3	3	***	3	3	4	4	4	4	3	3	3	3	3
3	2	2	2	2	2	2	2	3	4	5	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3
4	2	2	2	2	1	1	2	3	4	3	3	3	4	4	5	5	7	8	8	8	8	8	10	10	5
5	10	11	8	8	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
6	7	7	7	7	7	7	8	8	9	8	7	9	8	8	8	8	9	9	8	7	7	8	9	9	8
7	8	8	8	8	8	9	10	10	9	8	8	8	8	8	8	9	9	8	8	8	8	8	7	7	8
8	7	6	6	7	6	5	5	5	6	6	6	6	6	5	***	5	4	4	4	4	2	2	2	2	5
9	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	3	4	4	4	4	3	3	4	3
10	2	2	2	2	2	3	3	5	5	5	5	5	5	***	4	4	4	4	4	4	4	4	4	4	4
11	3	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	6	5	6	5	5	5	6	5
12	6	6	6	6	6	6	6	6	6	6	6	5	5	***	4	4	4	4	4	4	5	4	4	4	5
13	4	4	4	3	3	3	4	4	4	5	6	5	4	4	4	4	4	4	4	3	3	3	2	2	4
14	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2	2	3	3	3	3	4	4	4	4	2
15	4	4	4	4	3	3	2	3	4	3	3	3	***	4	4	4	4	4	4	4	4	4	4	4	4
16	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	5	5	4	4	4	4
17	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
18	2	2	1	1	1	1	2	2	3	4	3	2	***	***	***	3	4	3	3	3	3	4	4	3	3
19	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	3	3	3	3	3	3	3	4	4	4	4	5	6	7	8	9	10	11	11	11	11	11	11	12	7
21	12	11	11	11	11	10	10	10	10	11	10	10	11	10	10	10	10	10	10	9	9	9	9	9	10
22	9	9	9	8	8	8	8	8	8	7	7	7	5	4	5	6	7	7	7	7	7	7	7	7	7
23	6	6	6	6	6	6	6	6	6	6	6	6	6	6	***	***	7	7	8	8	7	6	6	6	6
24	4	4	4	4	4	2	2	4	5	5	5	4	3	3	3	3	5	5	5	5	5	4	4	5	4
25	4	4	4	4	4	4	4	4	4	4	4	2	***	2	2	1	2	2	1	1	2	2	3	4	3
26	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4
27	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	2	3
28	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4
29	4	4	4	4	4	3	3	3	3	3	3	3	4	***	4	4	5	5	5	5	5	4	4	4	4
30	4	4	4	4	4	3	3	3	3	3	3	1	2	2	2	***	3	4	4	4	4	4	5	5	3
31	4	4	4	4	4	4	4	4	5	6	7	7	6	6	6	5	5	5	6	6	6	6	5	5	5
MEAN	5	5	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	23	4	8	11
APR	30	6	14	19
MAY	30	6	15	36 11
JUN	30	10	17	24 20
JUL	31	7	13	20
AUG	31	8	15	25 2
SEP	29	5	10	16
OCT	31	7	14	21 1
NOV	30	4	9	11
DEC	31	5	10	12
YEAR	296	6	17	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNIT - 0.01 PARTS/MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	112	124	129	138	3	0	0	506
APR	64	193	131	183	56	61	0	688
MAY	122	138	160	177	29	31	11	668
JUN	13	41	128	214	102	167	20	685
JUL	60	165	151	158	89	64	0	687
AUG	30	161	137	206	94	81	6	715
SEP	33	190	223	155	40	8	0	649
OCT	10	154	164	278	51	46	1	704
NOV	23	187	438	55	5	0	0	708
DEC	13	219	358	123	15	0	0	728
YEAR	480	1572	2019	1687	484	458	38	6738

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	1.2	3.0	4.8	7.3	11.7	14.2	16.7	18.3	36	6.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	3	2	3	3	5	4	4	5	4	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4
5	4	3	2	3	3	3	4	3	3	3	3	3	3	3	3	2	3	3	3	4	3	3	3	3	3
6	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	4	4	4	4	5	5	5	5	5	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
8	4	4	3	3	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
9	2	2	2	2	2	2	2	2	3	2	2	2	2	2	4	3	5	5	5	4	3	3	3	2	3
10	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3	4	4	4	4	3
11	4	3	3	3	4	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3
12	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
13	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
14	3	3	3	3	3	4	4	4	5	4	4	5	6	6	6	5	4	3	3	4	3	3	3	3	4
15	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	3	4	3	3	3	3	3	3	3
16	3	3	3	3	4	3	3	4	3	3	3	3	2	2	2	2	2	3	3	2	4	4	4	4	2
17	4	3	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	3	2	3	3	4	4	3	3	3	2	2	2	2	2	3	3	3	3	4	4	3	3	3
19	4	4	4	2	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
20	3	3	2	3	3	3	3	3	4	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
21	2	2	3	2	2	3	3	4	3	3	3	3	3	2	2	2	2	2	2	3	5	4	3	4	3
22	5	3	3	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	3
23	2	2	3	3	3	4	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2
24	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2	2	2	2
25	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	2	3	4	3	4	3	3	2
26	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	3	3
27	3	2	2	2	3	3	4	4	2	2	2	2	2	2	1	4	4	4	4	4	3	3	3	3	3
28	3	3	3	3	3	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
29	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2
30	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	5	4	3	3	3	3	2	2	2	3
31	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
MEAN	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 87

1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	2
2																									
3	3	3	2	3	3	3	3	3	3	2	2	2	3	3	2	2	2	3	3	3	2	2	3	3	3
4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	2	2	3	2	2	2	2
5	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
6	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	2
7	3	2	2	4	4	2	2	3	4	3	3	5	4	3	3	3	2	3	2	2	2	2	1	1	3
8																									
9	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	2	2
10	3	3	3	3	3	3	5	4	5	5	4	3	4	3	2	2	2	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3
12	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	1	1	1	1	2	2	2	1	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	4	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	3	3	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4
16	3	3	3	4	4	4	4	5	6	5	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4
17																									
18	5	6	6	6	5	5	4	4	4	4	4	4	5	5	4	3	3	3	3	3	2	3	3	2	4
19	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	4	4	4	4	3
20	5	5	4	4	4	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	3	4	3
21	4	5	5	5	3	3	2	2	2	3	3	3	2	2	4	2	2	2	2	2	2	2	2	2	3
22	3	4	3	4	4	3	3	3	3	3	3	5	5	5	4	5	5	5	3	3	3	2	2	2	4
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	2
24	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	3
25	5	6	6	6	6	3	5	5	4	4	4	3	3	3	4	4	4	5	4	5	5	5	5	6	5
26	5	4	5	6	7	5	6	7	9	9	9	9	7	6	6	7	7	7	7	7	7	7	7	7	7
27																									
28																									
29																									
30	4	4	4	3	4	4	4	3	4	4	4	4	4	4	5	5	5	5	4	3	3	3	3	3	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	4	4	4	4	3	4	3
12	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	1	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	5	5	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	2	1	1	2	2	2	3	3	3	4	5	5	7	6	5	5	4	3	3	4	5	3	3	3	3
22	3	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	5	5	4	5	5	5	5	4	4	4	4	4	4	5	5	4	3	3	4
31	3	2	2	2	3	3	2	3	3	3	3	4	4	4	4	4	5	5	4	4	4	4	4	4	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	4	4	4	4	4	5	5	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
2	4	4	4	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	2
12	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	1	2	3	3	3	3	3	2
2	2	2	2	2	1	2	2	2	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2	2	2
3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
4	2	2	1	1	1	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	3	3	3	3	3	2	3	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2
7	2	2	2	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
10	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
19	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	2	2	2	2	1
26	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 72

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	0
2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	4	5	4	4	4	4	4	4	5	5	5	5	4	4	4	3	4	3	4	5	4	4	4	4	2
31	4	6	5	4	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	3	3	2	2	2	3
2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
3	4	4	4	3	3	3	3	5	5	4	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4
4	4	4	4	4	4	4	4	5	5	5	3	2	3	3	3	3	3	2	3	4	4	5	5	5	4
5	4	4	4	4	4	4	4	5	5	5	3	3	3	3	3	4	4	4	3	4	5	5	4	4	4
6	4	4	4	4	4	4	4	5	5	5	3	3	3	3	3	4	4	4	3	4	5	5	4	4	4
7	5	4	7	6	6	6	5	5	6	6	6	5	4	4	4	4	3	3	3	5	7	6	6	6	5
8	7	5	6	5	4	5	4	4	5	5	6	5	4	3	3	3	3	3	3	4	4	5	5	6	4
9	6	6	6	5	4	3	4	5	6	5	5	5	5	4	4	4	4	4	3	3	3	3	3	2	4
10	3	3	3	3	4	4	3	4	4	4	4	4	4	3	3	4	4	3	3	3	3	3	3	3	3
11	3	3	3	2	2	2	2	2	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	3
12	2	2	2	2	2	2	2	2	3	4	4	4	5	5	5	6	6	6	5	7	7	6	5	5	4
13	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	3	3	3	2	2	2	3
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	2	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	5	4	4	4	3
17	4	4	3	4	5	4	4	4	4	5	5	5	4	4	4	5	5	5	5	5	5	4	3	3	4
18	2	2	2	2	2	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
19	4	4	3	3	4	4	4	5	5	5	4	4	4	4	5	3	3	4	4	4	4	4	5	5	4
20	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	2	2	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3
22	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
23	3	3	3	4	5	6	4	4	4	5	5	4	4	4	4	4	4	4	4	5	4	4	4	4	4
24	4	4	4	4	4	4	3	3	3	3	4	3	4	3	4	4	4	3	4	4	4	3	3	3	4
25	4	4	4	3	7	6	5	5	5	5	3	3	2	2	2	2	3	3	3	4	4	4	4	3	4
26	3	4	3	3	3	3	3	4	4	4	4	4	4	3	4	3	4	4	5	5	5	4	3	4	4
27	4	4	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3
28	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3
29	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	4	3	3	3	3	4	3	4	4	4	3	4	3	3	3	4	4	3	3	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	6	5	5	5	6	9	11	9	10	10	10	10	10	8	8	7	7	6	6	6	7
2	6	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	5	5	4	4	4	4	4	6
3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5
4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	6	5	5	4	4	5	4	4	4	5	5	5	4	4	4	4	4
9	4	4	4	4	5	5	4	4	5	6	7	9	10	9	7	6	6	5	5	5	5	5	4	4	6
10	4	4	4	4	3	4	3	4	5	5	5	5	5	4	5	5	4	4	5	6	6	5	5	5	5
11	5	4	4	4	4	4	4	5	5	8	6	4	5	5	5	5	5	5	7	8	8	8	7	7	6
12	7	6	5	5	5	5	5	5	5	5	5	5	6	5	4	3	3	2	2	2	2	2	2	2	4
13	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	3	3	2	3	3	3	4	3	3	3	2	2	2	2	3	2	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
23	3	3	4	3	3	3	3	4	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4
24	2	2	2	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	3	3	3

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	***	3	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3
2	4	4	4	4	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
4	2	2	1	1	1	1	1	2	2	2	2	2	***	3	3	3	3	3	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	4	***	***	***	***	***	***	***	***	***	***	6	***	4	***	4	***	4	***	5	5	4	4	4	***
9	5	4	4	5	5	5	5	6	6	8	9	7	4	4	3	4	5	6	6	5	5	4	4	5	5
10	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3
11	3	3	3	3	2	3	2	3	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	NN	NN	NN	1	1	NN	NN	NN	NN	NN	NN	NN	1	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
13	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
14	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
15	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
16	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
17	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
18	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
19	4	4	5	5	5	4	4	4	4	3	3	3	3	3	3	4	4	4	4	3	4	3	3	3	3
20	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
21	2	***	***	3	3	2	2	3	3	***	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
22	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2
25	2	2	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	1	2	***	***	1	1	1	0	1	1	2	2	2	1	2	1	1	1
27	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	1
28	2	2	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
MEAN	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	1	2	2	***	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	***	3	3	2	***	***	4	3	3	3	3	2	2
5	2	2	3	3	3	3	3	3	***	***	***	***	***	4	4	5	4	3	4	3	4	4	4	5	3
6	4	3	3	3	3	3	3	3	4	4	4	3	3	2	3	3	3	3	3	4	3	3	3	3	3
7	4	3	3	3	3	3	3	3	***	***	3	2	2	3	3	***	***	***	***	***	***	***	***	***	***
8	DATA MISSING -																								
9	***	***	***	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	2	2
10	3	3	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	2	2	3	3	3	3	3	4	5	5	4	4	4	4	4	3	3	3	3	3
12	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3
13	2	3	3	3	3	***	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
14	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	3	3	2	3	3	2	2	***	***	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
22	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
23	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
24	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
25	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
26	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
27	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
29	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	***	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	***	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	28	3	4	8
APR	25	3	7	9
MAY	31	3	5	7
JUN	30	2	4	5
JUL	27	2	3	4
AUG	31	1	4	6
SEP	30	4	5	8
OCT	31	3	7	11
NOV	30	2	5	9
DEC	30	3	3	5
YEAR	293	3	7	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	40	504	108	1	0	0	0	653
APR	24	392	150	8	0	0	0	574
MAY	21	442	265	3	0	0	0	731
JUN	56	551	57	0	0	0	0	664
JUL	216	320	3	0	0	0	0	539
AUG	592	29	45	0	0	0	0	666
SEP	0	375	290	12	0	0	0	677
OCT	17	424	243	32	1	0	0	717
NOV	94	505	80	5	0	0	0	684
DEC	45	583	55	0	0	0	0	683
YEAR	1105	4125	1296	61	1	0	0	6588

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.6	1.4	2.0	2.7	3.8	4.5	5.3	6.0	11	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
2	3	2	3	1	1	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
11	3	3	2	2	2	2	3	3	4	3	2	2	3	2	2	3	3	4	4	4	4	4	5	4	3
12	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3	3
13	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
14	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
16	4	4	3	3	2	3	3	3	4	4	4	4	5	5	5	4	4	4	3	3	3	3	3	3	4
17	3	3	3	2	1	1	2	2	3	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	2
18	2	3	2	2	2	3	3	3	4	3	3	3	4	3	3	3	3	4	4	4	3	3	3	3	3
19	3	3	3	3	4	3	3	3	3	3	3	3	3	3	2	3	3	4	4	4	4	3	3	3	3
20	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	3	3	4	4	3	3	4	4	4	3	2	2	2	2	2	2	1	2	3
22	1	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2
23	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
24	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
26	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4	4	4	4	4	4	4	3
27	2	2	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3
31	3	2	2	2	2	2	2	3	2	3	3	3	2	1	1	1	1	2	2	2	2	2	2	1	2
MEAN	3	3	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	3	4	4	4	3	3	3	3	3	2
2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
3	3	2	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2
4	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	1	2	2	2	2	3	3	3	3	3
6	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	2	2	2	1	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
8	4	3	3	2	3	3	3	4	4	4	4	4	4	3	4	3	3	4	4	4	4	4	4	4	4
9	4	3	3	3	3	2	3	3	3	3	3	2	2	4	3	3	3	4	4	4	3	3	3	4	3
10	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	2	3
11	2	2	2	1	1	2	2	3	3	2	1	1	1	1	2	2	3	3	3	3	3	4	4	4	2
12	3	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
13	5	5	5	5	4	4	4	4	5	4	4	5	6	4	4	4	4	3	3	3	3	3	2	2	4
14	1	1	1	1	1	1	1	3	2	2	3	2	2	2	2	2	3	3	3	3	4	3	3	3	2
15	3	3	3	3	3	3	3	4	4	4	4	4	5	5	6	6	6	6	7	5	5	4	3	3	3
16	3	3	3	3	2	3	3	3	3	3	3	2	2	3	4	3	3	4	4	3	3	3	3	3	3
17	3	3	3	3	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2
18	2	2	2	2	2	2	3	3	4	5	6	2	2	2	2	3	3	3	4	4	3	3	3	3	3
19	3	3	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	3	4
20	3	3	3	3	1	1	2	2	2	2	2	1	1	2	2	2	3	3	4	4	4	4	4	4	4
21	4	5	4	4	6	5	4	5	5	4	4	4	4	4	4	4	4	4	4	3	3	2	2	2	4
22	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
24	2	3	2	2	2	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
26	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	3	3
27	3	4	3	2	2	2	3	3	3	3	3	2	2	2	3	3	3	4	4	5	4	4	4	4	3
28	4	4	3	3	3	2	3	3	4	4	4	3	3	4	3	3	4	4	4	4	4	4	4	4	4
MEAN	3	3	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	1	2	3	3	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3
2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4
4	2	2	2	2	2	2	2	3	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
5	4	4	4	3	2	1	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	3	3	3	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
7	3	3	3	3	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
8	3	3	3	3	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
9	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	3	3	3	3	3	3	3	4	3	4	4	4	3	3	3	3	4	4	3	4	3	3	3	3	3
12	3	2	2	2	2	1	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
13	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	3	3	4	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3
16	2	2	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3
19	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	1	2	3	3	3	3	3	3	3	3
20	2	2	2	2	2	2	3	4	4	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3
21	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	4	3	4	4	3
22	4	3	3	3	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	3
23	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	5	5	5	3
26	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	2	2	2	2	5	5	5	4	3
27	4	4	4	3	3	3	4	4	4	3	3	3	2	2	2	2	2	3	4	4	4	4	4	4	3
28	5	4	4	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	2	4	4	4	4	4	3
29	2	2	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	3	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3
MEAN	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2
2	2	2	1	1	1	1	3	4	5	3	2	2	2	2	2	2	3	4	4	4	3	3	4	4	3
3	5	4	3	4	4	4	5	6	5	4	3	3	3	4	4	5	4	5	4	4	5	6	6	6	4
4	5	6	4	2	2	2	3	4	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
5	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3
6	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	3	4	5	4	4	4	2
7	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	4	5	4	4	4	3
10	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	4	5	5	6	6	3
11	5	5	4	3	3	3	3	4	4	3	4	4	4	4	4	4	5	5	5	5	5	6	6	7	4
12	6	6	3	3	3	3	3	2	2	2	2	2	3	3	3	4	4	4	3	3	3	3	3	3	3
13	3	3	3	3	3	3	4	5	6	4	3	3	3	3	3	3	3	3	4	4	6	6	6	6	4
14	5	5	6	5	3	2	2	2	2	2	2	2	3	3	3	4	4	3	3	4	3	2	2	2	3
15	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	2
16	4	3	3	3	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	4	4	4	4	4	3
17	4	4	3	3	3	3	3	3	5	5	4	3	3	3	3	3	3	3	4	5	5	5	5	6	4
18	5	4	3	3	3	3	4	4	4	3	3	3	2	2	2	4	5	3	3	4	3	3	3	3	3
19	3	3	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	4	4	5	6	7	6	6	3
20	7	6	6	7	9	8	8	9	7	5	5	4	3	4	4	4	4	4	4	4	5	5	6	6	6
21	7	7	7	7	6	6	6	5	7	6	5	5	4	4	5	4	4	4	5	6	5	5	5	5	5
22	4	3	2	2	2	2	3	5	5	5	5	5	5	5	5	6	5	5	5	4	4	4	4	4	4
23	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	3
25	3	4	4	4	4	4	4	5	6	4	4	4	3	4	3	3	3	4	4	4	4	5	5	5	4
26	4	4	4	4	4	4	4	4	5	5	4	4	3	3	3	4	5	6	8	7	8	6	5	5	5
27	4	4	4	5	6	6	6	6	5	5	6	4	4	4	4	4	6	6	5	5	6	7	8	10	5
28	11	11	10	7	6	6	5	4	3	4	3	3	3	3	3	4	4	4	4	4	5	5	4	4	5
29	3	3	3	3	4	4	4	4	5	5	4	5	5	4	4	3	3	3	3	4	4	4	4	4	4
30	4	3	3	3	4	4	4	5	5	4	4	5	5	6	6	5	5	5	5	5	5	4	2	2	4
MEAN	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	2
2	4	3	4	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3
3	5	5	5	4	4	4	5	6	7	6	5	6	4	5	6	5	5	3	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	3	3	4	3	3	4	4
5	6	6	6	7	4	4	4	3	3	2	3	3	3	3	2	2	2	2	2	3	3	3	2	2	3
6	3	3	3	3	2	2	4	4	3	4	4	3	3	3	2	2	2	2	2	3	3	2	2	2	3
7	1	1	1	1	1	2	3	3	2	1	4	3	2	2	2	2	2	2	2	3	3	2	2	2	3
8	3	3	3	3	4	4	6	9	4	3	4	3	4	3	3	3	3	3	3	3	3	2	2	2	3
9	2	2	2	1	1	2	3	5	6	7	8	7	8	7	4	3	3	3	3	3	3	2	2	2	4
10	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	4	4	4	5	6	5	5	5	3	3
11	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	4	5	4	3
12	5	3	2	2	2	2	3	3	4	4	3	4	5	4	4	4	3	3	3	4	4	4	2	2	3
13	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2
14	3	3	2	3	4	3	4	3	3	3	4	4	5	5	4	4	3	3	3	5	5	3	3	3	4
15	3	3	2	3	3	3	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3
16	3	2	2	3	3	3	4	4	3	4	3	4	4	4	5	5	6	5	3	3	3	3	3	3	4
17	2	2	3	3	4	4	5	8	7	6	4	3	2	2	2	2	4	5	3	4	4	5	5	4	4
18	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2	3	3	3	3
19	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	5	2
20	4	3	2	3	4	3	3	2	1	1	2	2	2	2	2	2	2	2	3	4	5	5	4	3	3
21	3	3	4	3	3	3	4	4	3	3	3	3	5	6	5	5	5	6	7	7	8	9	8	8	5
22	6	5	3	4	6	7	8	12	11	9	8	8	5	5	5	6	7	5	5	5	5	3	3	3	6
23	3	4	3	3	3	3	5	5	6	6	4	4	3	2	2	2	2	2	2	2	3	4	5	4	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	3	2	3	3	4	4	3	3	2	2
27	2	2	2	2	2	3	3	3	2	4	5	5	4	4	4	4	4	3	4	4	4	4	4	3	3
28	3	2	2	2	2	3	3	5	7	6	5	2	2	2	3	4	4	3	4	4	4	3	3	2	3
29	3	4	4	4	4	5	5	5	7	8	9	9	9	8	10	9	8	7	5	5	6	6	5	5	6
30	4	3	3	2	2	3	4	5	6	6	5	4	4	4	4	3	4	4	4	4	5	5	5	5	4
31	4	2	2	2	2	3	4	4	4	5	5	4	3	4	4	4	5	3	3	3	3	2	3	3	3
MEAN	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	3	4	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	3
2	5	4	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	3	4	4	7	7	7	7	4
3	6	4	4	4	4	3	4	6	5	6	7	6	5	4	3	4	4	3	3	3	3	3	5	6	4
4	6	6	6	6	6	5	5	7	6	6	4	4	4	4	5	5	5	5	5	4	5	5	5	4	5
5	3	3	4	6	6	6	8	7	6	5	5	5	5	6	6	5	5	5	4	4	4	7	8	6	5
6	6	5	5	4	4	6	6	7	5	4	4	4	3	4	3	4	4	3	4	4	4	3	4	3	4
7	3	3	3	2	2	3	5	5	4	4	3	3	3	3	3	4	4	4	4	4	7	6	5	5	4
8	6	5	4	3	3	2	2	3	4	4	3	3	3	3	3	4	4	4	4	4	4	6	6	5	4
9	5	5	6	5	6	4	5	5	3	3	3	3	3	3	3	3	3	3	3	5	4	4	5	4	4
10	3	3	2	2	3	3	3	3	3	4	3	3	4	4	4	4	3	3	3	4	4	3	3	2	3
11	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	2	2	2	2	3	4	4	5	3	3
12	3	3	4	3	2	2	4	4	3	4	4	4	4	4	4	4	4	4	3	4	3	4	5	5	3
13	5	5	4	4	2	3	4	4	4	4	4	4	4	5	4	5	6	5	5	6	5	5	5	5	4
14	5	5	5	5	4	5	6	9	5	5	6	6	5	4	5	6	5	4	3	3	4	5	7	8	5
15	7	6	4	4	3	3	4	4	4	4	5	5	6	5	3	3	4	5	5	3	4	4	5	6	4
16	5	5	3	2	2	2	3	4	2	2	3	3	3	3	2	3	3	3	3	3	4	4	6	3	3
17	3	3	4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	3	3
18	2	2	2	1	2	2	3	3	4	4	4	4	5	4	4	5	6	5	5	5	5	4	4	5	5
19	3	3	3	2	2	3	5	6	7	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6
20	6	6	5	5	4	4	5	6	8	7	7	6	5	5	6	6	7	3	3	5	6	7	7	7	6
21	6	5	3	4	6	6	6	6	6	5	6	7	5	6	6	7	7	6	9	4	4	3	3	3	5
22	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	1
24	1	1	1	1	1	2	2	3	2	2	2	2	4	5	4	4	4	4	4	4	4	3	3	3	3
25	2	2	2	2	1	1	2	3	4	3	3	3	2	3	3	3	3	2	3	4	4	4	4	3	3
26	3	2	2	1	1	2	3	4	3	2	3	3	3	3	3	3	4	3	3	3	4	4	4	5	3
27	5	6	6	6	5	5	5	8	5	4	3	3	3	3	3	3	3	2	2	3	5	6	6	6	4
28	6	5	5	4	3	4	5	4	3	3	3	3	3	3	3	3	4	3	3	4	3	3	3	2	4
29	2	2	3	2	2	2	2	2	3	4	5	4	4	4	4	4	4	3	4	5	6	4	4	4	3
30	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	2
MEAN	4	4	4	3	3	3	4	4	4	4	4	4	3	4	3	4	4	3	4	4	4	5	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	3	3	3	3	3	2	2	1	1	1	1	1	2	2	3	5	4	4	3	3
2	3	2	2	3	3	4	5	6	6	5	5	4	4	5	5	4	4	3	3	3	3	4	5	4	4
3	5	5	4	4	3	5	8	7	6	5	8	9	5	5	4	7	10	8	7	10	6	10	8	5	7
4	3	2	2	3	4	4	5	6	6	5	4	4	4	4	4	3	3	3	3	4	6	5	5	4	4
5	2	3	3	3	3	4	4	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3	4	3
6	3	4	4	4	4	4	4	5	6	4	2	3	3	4	3	2	2	3	3	4	4	4	6	5	4
7	5	5	5	5	5	5	4	4	4	4	3	3	3	3	3	4	2	2	2	4	7	7	6	4	4
8	5	5	4	4	5	6	7	8	7	5	5	5	7	7	5	6	7	3	3	4	5	7	6	3	5
9	4	3	3	3	2	3	5	5	8	6	6	5	3	2	3	3	3	3	3	4	4	3	3	3	4
10	3	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
11	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	4	4	4	3	3	3	3	2	2	2
12	2	2	1	2	2	2	3	4	4	2	2	2	4	4	4	4	3	3	3	6	6	7	5	3	3
13	4	4	4	4	3	3	3	4	5	5	5	4	3	2	2	2	3	5	5	8	9	7	5	6	4
14	8	6	4	4	3	3	3	4	4	5	2	2	3	4	4	3	3	3	3	4	5	5	3	3	4
15	2	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	1	1	2	2	2	3	2	2	5	5	4	4	3	3	3	3	4	4	3	3	3	3
17	3	3	3	3	3	3	4	5	7	4	6	6	6	5	6	5	5	5	4	4	4	5	4	4	4
18	4	3	4	3	3	3	4	5	5	5	5	4	4	4	4	5	5	4	4	3	5	6	6	6	4
19	5	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
20	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	3	2	3	3	3	3	2
21	3	2	2	2	1	1	1	1	2	3	2	2	2	1	1	2	2	2	3	4	5	5	4	4	2
22	5	4	4	4	5	5	5	6	5	5	4	4	4	4	4	4	4	3	3	3	3	3	4	5	4
23	2	2	2	2	2	2	4	5	6	6	6	6	6	6	6	6	6	4	4	5	6	6	5	4	4
24	4	3	2	2	2	2	4	5	4	3	3	6	7	6	5	4	4	3	5	6	7	7	6	3	4
25	2	2	1	1	1	2	2	3	3	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	2
26	3	3	3	3	2	3	4	4	4	4	5	6	7	5	5	6	6	5	4	4	5	7	6	8	5
27	7	7	6	6	5	4	5	6	5	4	3	3	3	3	3	3	3	2	3	3	3	4	6	5	4
28	6	7	6	5	5	5	5	3	4	3	2	4	3	3	3	3	3	4	4	4	3	4	6	5	4
29	3	2	2	3	2	3	4	4	3	3	5	6	4	4	4	3	4	4	4	7	6	6	6	6	4
30	6	4	3	2	2	3	4	4	4	7	5	3	3	4	4	5	5	5	4	5	6	5	4	3	4
31	3	3	3	2	2	3	3	3	2	2	2	3	2	3	3	3	2	2	2	3	4	4	4	4	3
MEAN	4	3	3	3	3	3	4	4	4	4	3	4	4	3	3	3	3	3	3	4	5	5	5	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	2	3	4	4	5	5	3	4	4	3	3	2	3	4	5	5	4	5	5	4
2	5	3	2	3	4	4	5	6	7	7	5	3	4	4	4	4	4	3	4	4	4	5	6	6	4
3	6	2	2	2	2	2	3	2	2	2	2	2	3	2	2	3	2	3	4	3	3	3	3	3	3
4	3	2	2	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	2
5	3	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	1	1	2	3	3	3	3	4	2
6	3	3	3	2	2	3	4	5	4	3	4	4	4	3	3	3	3	3	3	3	2	4	5	3	3
7	3	3	2	2	2	4	6	10	12	11	5	4	4	4	4	4	4	5	6	6	7	7	6	5	4
8	9	9	10	11	10	8	9	11	16	14	9	8	4	4	4	4	4	4	3	3	3	3	3	7	5
9	4	4	4	3	4	5	5	5	3	2	3	2	2	2	2	3	3	2	2	3	4	4	4	4	3
10	3	3	3	3	2	2	3	2	2	2	2	2	1	1	1	1	2	2	2	4	4	4	3	3	2
11	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	4	4	3	2	2
12	1	1	1	1	1	2	3	3	3	2	2	2	2	2	3	4	4	4	4	4	6	7	6	5	3
13	4	4	4	4	4	4	5	7	4	4	6	5	4	3	3	5	5	3	2	2	2	2	2	2	4
14	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2
15	2	1	1	1	2	3	5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
16	3	3	3	4	4	4	5	7	4	4	4	3	3	3	4	4	4	3	3	3	4	3	5	6	4
17	7	5	3	3	3	3	2	4	5	3	3	2	2	3	3	3	4	5	2	2	2	3	3	4	3
18	3	3	3	2	2	1	1	1	1	2	3	2	1	1	1	2	2	2	2	2	4	5	6	5	2
19	3	3	2	3	4	5	6	6	10	11	10	7	6	4	5	4	4	3	5	7	7	8	7	5	6
20	7	7	5	2	3	5	7	7	8	5	4	4	5	4	4	4	3	3	3	3	3	4	6	3	5
21	3	3	5	6	4	5	7	9	14	7	6	5	5	5	4	5	4	4	3	4	4	4	4	4	5
22	5	4	5	6	4	5	5	4	3	4	6	4	3	3	3	3	3	4	5	5	5	4	5	6	4
23	5	6	4	3	3	4	7	5	4	4	5	5	4	3	2	5	5	7	9	4	3	3	3	2	4
24	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	3	3	4	4	4	4	2	2
25	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2
26	3	3	3	3	3	4	4	4	6	3	3	3	3	4	5	3	4	3	3	3	3	3	3	4	4
27	3	3	3	3	3	4	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	5	5	4	3	3	3	4	4	3	3	3	3	3	4	5	3	4	4	5	4	3	3	3	3	4
31	2	2	2	1	1	2	2	3	3	3	3	3	1	1	1	1	1	1	1	2	3	3	3	3	2
MEAN	4	3	3	3	3	3	4	4	5	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	1	1	1	2	1	2	2	1	1	2	2	1	2	2	2	2	2
2	2	2	2	1	1	1	1	2	1	2	2	1	1	1	1	1	2	2	1	1	1	2	2	1	1
3	1	1	1	1	1	1	2	3	3	3	3	2	1	1	1	1	1	2	3	3	3	3	2	2	2
4	2	2	2	1	1	1	2	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	4	7	4	7	4	2	2	2	1	1	1	1	1	2	3	3	3	3	3
6	3	3	2	2	2	2	3	4	3	1	1	1	1	1	1	2	2	2	3	4	4	5	5	6	3
7	6	5	4	3	2	2	3	3	3	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2
8	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	1	1	2	3	3	3	4	3	3	3
9	2	2	2	1	1	2	3	4	5	4	3	3	2	2	2	2	3	3	4	6	4	2	3	3	3
10	3	4	4	3	2	2	4	5	5	3	3	5	5	4	3	3	4	2	2	4	3	2	3	2	3
11	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2
13	3	2	1	1	1	2	2	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	0	0	1	1	1	1	1	0	1	0	1	0	1	1	1	2	2	2	3	3	3	3	1
15	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	2	1	0	0	1	1	2	2	2	2	3	3	3	3	3	3	2
17	3	3	3	3	3	3	4	4	4	6	4	2	2	2	3	4	3	2	3	3	3	3	2	1	3
18	1	1	1	1	1	1	2	3	2	2	1	1	2	2	1	1	3	3	3	4	4	3	4	4	2
19	4	4	4	4	4	1	5	7	12	5	4	4	5	5	6	5	4	3	3	3	3	3	3	2	4
20	3	5	5	2	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	3	3	3	2	1	1	1	2	3	4	4	3	3	3	2
22	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2
23	3	3	3	3	3	3	4	4	4	5	4	4	5	4	3	3	3	3	4	4	4	4	4	4	4
24	6	7	7	6	5	5	7	7	7	5	4	3	3	3	2	4	4	4	4	4	4	4	4	4	4
25	2	2	2	2	2	2	3	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	3
26	3	3	3	3	3	3	3	6	6	4	3	3	4	4	3	3	3	3	5	5	6	6	6	5	4
27	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	5	7	6	6	6	5	4	5
28	4	4	5	4	3	2	3	3	3	4	5	4	3	3	3	4	5	5	5	4	5	4	5	4	4
29	4	3	2	2	2	2	3	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2
30	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
MEAN	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	3	3	4	4	4	9	9	9	9	8	8	9	3	3	4	2	2	5
2	3	3	3	3	3	3	3	3	3	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	4	3	2	2	1	1	1	1	3	3	3	4	4	4	4	6	6	6
4	6	7	6	5	4	4	5	5	5	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4
5	4	4	4	3	3	3	4	4	3	3	3	2	2	3	3	3	4	4	4	4	5	6	6	6	4
6	5	5	5	3	4	4	3	4	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	2	3
7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	3
8	2	2	2	2	2	3	4	5	6	6	3	2	2	2	3	3	2	3	3	2	2	3	3	3	3
9	3	4	3	3	3	2	3	3	3	3	3	3	5	6	6	6	6	6	6	4	3	3	3	3	4
10	3	3	3	3	3	3	3	3	3	2	2	3	3	3	4	5	7	5	4	3	3	3	3	3	3
11	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	6	6	6	6	5	3
12	5	5	5	6	5	4	4	4	5	4	4	5	4	3	3	3	2	2	2	2	1	1	2	2	3
13	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	1	2
15	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	3	3	3	4	3	3	3	3	2
16	3	3	3	3	3	3	4	5	6	4	2	2	2	2	2	3	4	4	3	4	4	3	4	4	3
17	4	2	2	2	2	2	3	4	3	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	3	4	3	2	2	1	1	1	1	2	2	2	3	4	3	3	4	4	2
19	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3
20	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	5	5	5	3
21	4	4	4	4	4	4	5	6	6	5	5	2	2	2	2	2	3	3	4	4	4	4	4	4	4
22	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	4	5	4	4	4	4	4	4	4
23	5	5	5	5	3	3	3	4	4	3	3	3	3	3	5	6	6	4	4	4	4	4	4	4	4
24	3	3	3	3	3	3	4	4	4	6	4	3	3	3	3	4	5	5	5	5	5	5	5	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	9	9	12	12	10	9	9	7	9	14	10	7	7	7	9	10	9	11	9	7	8	8	7	7	8
30	5	5	6	6	5	5	5	5	5	4	5	7	6	6	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	4	4	4	5	4	4	5	4	4	3	6	5	6	6	5	5	4	3	3	4
2	3	3	3	2	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
8	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
9	3	3	3	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	3	3	3	4	4	6	6	7	7	6	6	4	4	3	3	4
12	3	3	3	3	2	2	2	3	3	3	3	3	4	4	3	3	4	4	2	2	2	2	2	2	3
13	3	3	3	3	2	2	2	3	3	3	3	3	4	4	2	2	2	2	3	3	3	3	3	3	3
14	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
15	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
16	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
17	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3
18	3	3	3	3	2	2	2	2	3	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3
19	3	3	3	3	2	2	2	3	4	5	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3
20	3	3	2	2	2	2	3	4	5	4	4	4	3	3	4	5	3	3	3	2	1	1	1	1	3
21	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2
22	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	3	3	4	4	4	4	4	4	4	2
23	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	5	4	4	4	3	3	3
24	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2
26	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	3	3	4	4	4	4	4	3
27	4	4	4	4	4	4	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
28	4	4	3	2	2	2	2	3	4	4	5	5	6	4	3	4	4	3	3	3	2	3	3	3	3
29	3	2	2	2	2	3	3	4	5	5	5	5	5	3	3	3	4	5	5	5	5	5	5	5	4
30	4	5	4	4	4	4	4	4	5	5	4	4	5	4	4	4	5	4	3	3	3	4	3	2	4
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	4	5	5	5	5	4	4	4	5	5	5	5	6	4	4	5	6	7	5	6	6	6	6	6	5
8	5	5	5	5	5	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4
9	5	5	5	5	5	1	2	3	5	5	5	5	2	2	3	3	4	4	4	4	4	4	4	4	3
10	2	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	4	4	4	4	4	3	4	4	5	5	5	6	6	6	6	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	4	4	4	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5
14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	4	5	5	5	5	4
15	5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4
17	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
18	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
19	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4
20	4	4	4	3	3	3	4	6	6	6	6	5	5	5	5	5	5	5	4	4	3	3	4	4	4
21	4	4	4	5	4	4	4	4	3	3	4	4	4	3	3	4	4	4	5	5	5	5	5	5	4
22	4	4	4	4	4	4	4	4	4	3	3	3	2	3	3	3	3	5	4	4	4	4	4	4	4
23	3	3	3	3	4	4	4	5	4	5	5	5	4	4	4	4	4	6	6	5	5	5	5	5	4
24	4	4	4	4	3	3	3	4	4	4	4	4	3	2	3	3	4	4	4	4	4	4	4	4	4
25	4	4	4	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	3
26	4	3	3	3	4	4	4	5	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	4	5	5	5	5	5	5	5	3
31	5	5	5	5	5	5	5	5	6	7	7	6	5	5	6	5	6	6	6	6	6	6	6	6	6
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	4	5
FEB	28	3	4	7
MAR	31	2	3	6
APR	30	4	6	11
MAY	31	3	6	12
JUN	30	4	6	9
JUL	31	4	7	10
AUG	31	3	7	16
SEP	30	3	5	12
OCT	31	3	9	14
NOV	30	3	7	10
DEC	26	4	6	7
YEAR	360	3	9	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	39	588	114	0	0	0	0	741
FEB	69	431	149	1	0	0	0	650
MAR	85	574	83	0	0	0	0	742
APR	13	396	285	24	2	0	0	720
MAY	27	452	219	32	2	0	0	732
JUN	36	319	334	28	0	0	0	717
JUL	29	371	298	40	0	0	0	738
AUG	53	419	226	36	5	3	0	742
SEP	179	386	142	8	1	0	0	716
OCT	59	398	221	36	3	1	0	718
NOV	65	472	160	19	0	0	0	716
DEC	3	277	325	6	0	0	0	611
YEAR	657	5083	2556	230	13	4	0	8543

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97	0	1.1	1.8	2.4	3.2	4.6	5.5	6.6	7.7	16	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3	3	2	2	3	3	2	3	3	0.000
23	3	2	2	2	1	1	3	4	4	6	7	6	7	7	8	6	4	4	5	6	6	5	5	6	5
24	5	5	5	3	3	2	2	4	3	5	4	6	5	5	6	6	6	7	6	6	6	5	5	4	5
25	5	4	3	3	3	3	4	8	8	6	6	6	5	6	8	7	6	7	6	8	6	5	6	5	6
26	5	4	3	3	3	4	4	7	6	7	5	8	7	9	9	8	9	10	10	5	4	4	5	4	6
27	4	3	3	4	3	3	3	3	3	3	2	0.000	3	3	3	3	4	4	5	5	6	5	5	5	4
28	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	5	4
MEAN	5	4	3	3	3	3	3	5	5	5	5	6	5	6	6	5	5	5	5	5	5	4	5	5	5

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	3	3	4	8	9	8	6	6	6	6	8	6	8	8	8	8	6	7	4	4	6
2	4	4	3	4	4	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	2	3	2
3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	4	5	4	3	4	3	3	2
4	2	3	2	2	2	2	3	3	3	4	6	4	8	7	6	5	7	6	5	5	6	5	4	4	4
5	4	4	3	2	4	4	4	5	6	5	3	3	5	4	4	4	4	4	4	5	4	4	4	4	4
6	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	6	5	4	4	4	4
7	4	4	3	3	3	3	3	6	7	7	8	8	6	6	8	7	7	7	7	5	6	5	5	5	5
8	4	4	3	2	3	3	5	7	8	4	2	3	2	2	4	7	7	7	9	6	6	4	2	1	4
9	1	1	1	1	1	1	1	1	1	1	2	2	2	2	5	7	6	6	5	5	6	6	5	3	3
10	4	4	4	4	3	1	1	3	4	5	6	5	6	5	6	5	6	8	8	9	8	8	8	9	6
11	8	9	9	8	8	9	9	10	13	12	12	10	9	10	11	11	11	11	10	10	10	9	9	9	10
12	9	8	6	6	5	5	10	12	10	9	9	11	10	10	10	10	9	9	9	10	10	9	9	8	9
13	8	6	5	5	6	6	8	12	11	11	10	10	8	7	7	9	12	10	9	8	9	9	9	8	8
14	6	6	5	5	5	4	9	10	11	10	11	11	10	11	12	12	12	12	11	10	10	11	11	9	7
15	9	8	8	8	9	7	4	8	13	11	8	7	0.000	6	5	4	5	5	5	6	5	4	4	3	7
16	3	3	3	3	3	3	3	2	3	7	6	5	8	6	5	6	9	9	8	6	7	10	7	4	5
17	4	3	5	4	3	2	2	3	3	5	4	4	5	3	8	5	6	6	5	5	6	5	5	4	4
18	2	2	1	2	2	3	7	6	10	9	9	9	8	5	3	3	3	4	5	4	4	5	5	5	5
19	5	5	4	4	4	4	4	7	10	8	8	8	8	0.000	7	6	11	7	7	6	7	5	7	4	6
20	6	3	4	4	4	5	7	7	7	3	2	2	2	2	2	1	1	2	2	3	3	3	3	8	4
21	5	3	4	4	3	5	7	8	9	10	8	9	9	8	9	9	8	11	10	9	8	5	5	5	7
22	5	3	3	2	2	2	3	5	6	4	3	2	6	2	2	5	4	5	5	4	3	4	5	5	4
23	4	4	4	2	2	2	2	3	3	3	4	6	8	3	12	10	7	8	6	2	3	4	5	5	5
24	4	6	5	2	2	2	3	4	4	3	6	3	3	2	2	2	5	5	4	5	4	3	3	3	4
25	3	3	2	3	4	4	4	5	4	4	3	2	2	1	2	2	3	3	4	5	5	6	6	5	4
26	4	5	5	5	4	4	5	5	4	3	3	4	6	7	6	6	9	4	8	8	7	6	8	9	6
27	5	4	4	4	4	4	4	5	6	5	4	4	1	2	3	4	2	3	7	5	12	6	6	6	5
28	7	6	6	3	1	3	6	6	4	6	7	6	0.000	1	1	1	1	1	1	1	1	1	1	1	3
29	2	2	3	3	2	3	4	10	6	2	2	2	6	2	2	3	3	3	2	2	3	2	2	2	3
30	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	1	1	2	2
31	2	3	1	2	2	2	3	2	6	3	4	3	6	5	7	9	4	6	7	5	6	6	6	7	4
MEAN	4	4	4	3	3	3	4	6	6	5	5	5	6	5	6	6	6	6	6	6	6	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	1	1	2	4	7	10	12	7	5	2	2	3	3	3	2	2	2	2	2	1	1	3
2	2	1	1	1	1	1	2	3	4	2	2	2	2	1	3	5	5	4	4	5	5	5	5	5	3
3	4	5	4	6	2	3	4	5	5	5	5	4	3	3	3	4	3	3	2	4	4	4	6	8	4
4	7	3	3	2	2	3	3	4	4	3	3	3	3	3	3	2	3	3	4	6	3	3	3	3	3
5	2	2	2	2	1	2	2	2	3	2	2	2	5	4	6	4	6	6	4	10	8	8	4	4	4
6	2	3	3	1	1	2	3	3	2	3	2	3	4	3	7	1	4	4	5	6	7	5	4	4	4
7	4	3	3	3	2	3	3	2	4	3	3	5	6	1	1	0	0	0	0	0	0	0	0	0	0
8	2	1	0	3	2	2	3	3	4	3	4	6	1	1	0	0	0	0	0	0	0	0	0	0	0
9	4	4	2	2	1	2	1	4	7	5	9	10	9	7	6	4	6	3	3	3	2	1	2	3	4
10	0	0	0	0	0	0	0	0	0	0	0	0	8	6	0	6	3	6	7	9	7	7	4	5	0
11	5	5	5	4	4	2	6	19	18	13	10	10	2	4	3	4	4	5	6	6	6	5	5	4	6
12	8	6	5	5	3	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3
13	2	2	2	2	2	2	3	4	4	4	3	2	2	2	3	3	3	3	3	4	5	6	9	8	3
14	8	8	6	5	3	2	2	2	2	1	1	1	3	2	3	4	3	3	4	3	2	2	1	2	3
15	1	1	1	1	0	0	1	3	8	8	3	8	8	6	7	5	6	5	7	5	10	9	9	11	5
16	4	4	2	3	2	3	3	4	8	5	3	5	5	6	0	8	9	11	10	8	4	4	4	3	5
17	3	3	3	3	3	3	3	4	5	3	3	3	2	3	3	3	3	7	4	5	6	7	7	6	4
18	5	4	5	4	4	5	8	9	8	4	5	5	6	7	9	6	9	5	5	5	7	6	4	4	6
19	5	3	2	2	2	3	4	6	7	8	6	6	3	11	10	10	7	6	6	6	6	6	6	6	6
20	6	5	6	5	6	5	9	7	6	5	5	4	4	3	2	3	3	4	4	4	5	6	7	5	5
21	5	5	6	6	5	5	5	7	5	6	5	4	4	4	4	4	4	4	2	3	3	2	2	2	4
22	2	2	2	2	2	2	3	4	4	5	4	5	5	5	4	5	6	5	5	5	5	5	5	4	4
23	4	2	2	1	1	1	2	2	2	2	5	5	4	7	6	8	9	7	4	4	3	3	3	3	4
24	2	1	1	1	1	2	2	5	4	5	5	5	5	8	5	6	7	9	9	6	5	6	7	7	5
25	5	4	5	4	4	5	9	12	6	4	4	2	3	4	4	7	9	10	8	10	10	9	7	6	6
26	5	5	4	5	3	4	5	6	9	6	6	5	3	3	3	6	7	9	10	9	6	8	8	6	6
27	6	7	6	4	4	4	4	6	4	5	6	6	4	3	3	3	2	3	5	5	8	10	14	12	6
28	11	12	10	9	9	7	6	5	3	4	3	4	3	3	3	5	5	6	4	3	4	4	4	4	5
29	4	4	3	3	4	3	4	5	6	5	0	5	4	4	9	9	10	9	9	8	6	6	6	5	6
30	5	6	5	3	4	5	5	8	6	6	3	4	4	4	5	7	7	7	7	7	5	7	6	5	5
MEAN	4	4	3	3	3	3	4	5	5	5	4	5	4	4	5	5	5	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	3	4	8	8	5	7	5	4	3	0	6	7	5	5	7	9	9	9	9	6	6
2	4	4	4	3	4	2	2	2	1	1	1	1	2	2	2	3	2	3	2	3	2	2	2	4	2
3	5	4	3	2	3	6	7	9	7	6	0	6	7	7	7	6	7	8	5	6	7	5	4	5	6
4	4	6	4	2	3	2	3	6	8	5	7	7	5	6	6	6	4	6	5	5	4	4	4	3	5
5	6	4	5	3	3	3	4	3	2	2	2	3	3	3	2	2	2	2	4	2	1	1	2	2	3
6	2	3	3	2	2	3	4	4	3	3	3	5	7	7	5	4	8	10	5	4	2	5	6	3	4
7	3	3	3	2	4	7	11	11	7	6	5	5	0	0	0	8	9	10	12	11	10	8	6	5	7
8	4	4	3	3	3	3	11	10	10	5	3	2	2	1	1	2	2	2	4	3	7	6	6	2	4
9	1	1	1	1	1	1	3	6	6	9	8	9	8	9	9	8	11	9	10	9	8	8	6	9	6
10	7	5	4	3	3	5	8	10	9	9	10	10	11	13	11	6	4	4	4	5	5	5	6	3	7
11	3	2	2	2	2	3	6	6	3	2	2	1	2	2	2	2	2	1	2	2	4	3	3	3	3
12	3	2	2	2	2	2	5	4	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	4	7
13	4	3	3	3	3	6	16	10	7	6	8	8	8	8	11	11	10	8	8	8	4	4	4	4	3
14	3	4	3	3	3	4	3	3	2	2	2	2	3	3	3	3	3	3	10	7	7	6	6	5	4
15	4	4	4	3	2	3	5	5	4	5	4	4	3	2	4	7	6	7	9	9	5	6	7	9	5
16	5	4	3	3	3	4	4	3	2	3	4	3	3	4	4	3	4	7	5	3	3	2	3	2	4
17	2	1	2	3	3	5	10	9	7	11	11	8	10	11	10	9	10	8	12	11	10	10	10	10	8
18	8	7	7	4	4	8	9	10	4	1	1	1	1	1	2	7	8	9	7	6	3	5	9	6	5
19	6	4	4	3	3	4	4	3	4	1	1	1	1	1	2	2	1	1	2	2	3	5	9	6	3
20	5	4	4	4	4	5	7	3	2	1	1	1	1	1	1	1	1	1	2	6	6	6	8	8	3
21	8	6	5	5	6	8	10	10	6	4	3	2	4	6	4	4	4	4	5	7	6	8	8	8	6
22	7	6	6	6	9	8	9	11	8	9	7	6	5	5	5	5	5	7	6	5	5	7	5	8	7
23	7	5	5	4	5	9	5	6	5	4	4	4	5	4	5	5	6	4	6	5	5	6	6	5	5
24	6	4	3	4	3	3	5	10	9	8	6	0	5	6	3	4	4	6	6	3	3	1	2	3	5
25	3	2	2	2	2	3	6	5	6	5	5	3	5	6	5	5	4	4	5	5	5	4	4	5	4
26	4	3	3	2	2	3	2	2	1	3	6	9	6	6	6	8	7	10	7	6	10	6	5	5	5
27	3	2	1	2	4	4	5	4	10	10	7	18	4	4	4	3	5	8	5	4	5	4	4	4	5
28	5	4	3	3	4	3	6	8	8	5	3	3	3	2	1	2	3	4	4	4	4	3	2	2	4
29	2	2	2	4	4	5	10	6	6	7	8	6	9	9	8	5	5	4	5	7	8	9	7	7	6
30	6	5	4	4	4	6	6	9	8	8	6	6	5	4	4	4	4	4	3	4	4	5	5	6	5
31	4	1	2	2	1	2	3	3	3	3	3	3	3	3	3	4	3	5	4	4	5	3	4	4	3
MEAN	4	4	3	3	3	4	6	6	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	4	6	6	5	4	5	5	4	4	4	4	4	4	4	4	5	3	4	3	4	
2	4	6	5	5	3	3	2	4	4	4	3	3	2	2	2	2	3	2	2	4	6	7	8	8	4
3	5	4	4	4	4	3	5	6	7	7	6	4	4	4	3	2	3	3	3	4	4	5	4	8	4
4	8	5	4	5	4	4	7	8	8	7	5	4	4	4	3	4	4	4	4	5	7	7	6	6	5
5	6	5	5	5	5	7	6	8	8	6	5	4	3	3	3	3	3	4	4	8	9	9	10	6	4
6	8	5	4	4	6	4	5	6	3	2	2	2	2	2	3	3	3	3	4	7	5	4	3	3	4
7	4	4	2	2	2	2	3	4	2	2	2	2	3	3	3	3	3	4	3	3	6	8	6	5	3
8	4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	3	5	3
9	5	6	4	4	4	3	3	2	3	3	3	3	3	2	2	2	3	3	4	4	5	6	5	4	4
10	5	4	3	3	2	3	4	4	4	3	3	3	3	4	3	3	4	4	4	3	5	2	2	3	4
11	2	1	1	1	1	2	3	2	2	2	2	2	3	4	6	7	7	8	6	4	4	5	4	4	3
12	5	4	4	3	3	3	5	3	4	3	4	6	5	2	8	7	7	8	6	3	2	3	3	4	3
13	4	3	3	3	3	3	4	3	3	3	3	2	2	2	2	3	3	4	5	4	4	5	4	4	3
14	5	4	4	3	3	4	6	6	10	8	6	4	3	3	2	8	7	7	3	2	3	8	8	5	4
15	6	7	3	2	2	2	3	3	4	3	2	2	2	2	2	2	2	6	4	2	1	2	2	4	3
16	5	3	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	2	2	2	3	2	2
17	4	3	3	3	2	2	2	3	2	2	1	1	2	2	2	2	2	2	2	2	3	2	2	3	2
18	2	1	1	1	1	1	2	3	3	3	2	2	3	3	3	4	4	4	4	4	4	4	3	4	3
19	3	2	2	2	2	3	4	5	5	4	3	4	3	3	3	3	3	3	4	4	5	6	6	5	4
20	6	5	5	5	5	6	5	8	7	7	6	5	4	5	4	3	5	4	4	5	5	6	6	5	4
21	5	5	4	5	5	6	6	6	5	4	10	8	10	10	11	7	5	11	10	7	6	4	6	7	5
22	4	5	4	3	4	3	4	5	6	6	7	6	8	6	5	6	4	4	4	5	5	6	4	5	4
23	5	3	2	2	2	3	2	3	3	4	5	5	7	5	5	4	4	4	4	4	6	5	4	3	4
24	3	3	2	2	3	5	7	7	4	6	7	7	7	7	6	3	3	5	5	5	5	5	6	5	5
25	4	4	3	4	5	7	7	8	5	6	9	4	3	2	8	3	2	1	9	8	7	6	4	5	4
26	4	2	3	3	2	8	8	9	9	7	4	4	3	1	1	2	2	2	3	2	3	2	3	4	4
27	5	4	3	4	4	9	11	6	6	5	3	2	2	2	1	1	1	1	2	2	8	8	7	5	4
28	5	5	4	4	4	7	6	3	2	2	2	2	2	2	2	2	2	2	2	2	8	8	7	4	4
29	5	5	4	4	4	7	6	3	2	2	2	2	2	2	2	2	2	2	2	2	8	8	7	4	4
30																									

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING	-											
2													- DATA MISSING	-											
3													- DATA MISSING	-											
4													- DATA MISSING	-											
5													- DATA MISSING	-											
6													- DATA MISSING	-											
7													- DATA MISSING	-											
8	7	8	7	5	5	5	7	8	9	10	***	5	9	9	6	7	7	8	9	6	9	7	7	5	7
9	4	4	3	4	6	9	9	11	11	4	6	5	7	7	5	8	8	6	5	9	8	7	8	7	7
10	5	4	4	4	6	7	7	7	5	5	3	5	6	5	6	7	5	5	4	4	6	4	4	3	5
11	4	4	3	3	3	4	5	3	4	5	3	5	6	4	5	7	9	8	6	5	6	6	5	4	5
12	4	4	3	3	4	4	6	7	8	9	8	6	9	13	12	13	12	13	15	13	12	11	10	9	7
13	9	7	5	5	4	4	5	7	10	7	6	5	4	4	6	9	11	11	11	14	12	10	7	5	7
14	5	4	5	5	4	4	4	8	11	12	12	12	10	4	4	9	12	12	14	14	13	14	12	9	7
15	7	5	6	5	9	14	15	12	11	11	10	10	11	12	12	13	12	11	11	8	9	11	11	10	10
16	7	5	5	4	7	13	19	19	16	16	14	16	16	17	17	14	4	3	12	18	19	18	17	14	13
17	8	7	6	8	10	17	19	12	8	6	5	7	7	5	7	6	4	4	5	4	4	5	7	6	7
18	5	5	4	4	3	4	5	5	5	5	4	4	4	4	5	5	5	6	5	5	6	7	7	6	5
19	7	5	6	6	9	13	16	16	14	13	12	12	13	13	13	13	14	14	14	16	16	15	14	11	12
20	8	7	5	6	8	12	12	13	15	16	16	15	14	14	15	14	15	13	14	15	14	13	13	13	13
21	11	8	5	5	4	7	9	13	14	14	15	14	8	3	3	2	3	3	3	4	6	6	7	14	8
22	14	8	7	7	6	6	6	5	3	3	3	3	3	2	2	2	3	3	3	3	3	3	6	10	5
23	6	5	5	5	6	14	21	23	21	21	21	21	21	22	21	10	9	3	9	13	20	19	21	19	15
24	14	9	6	6	9	16	22	22	19	19	20	21	23	9	7	8	10	11	11	8	9	8	7	3	12
25	2	1	2	4	5	3	4	2	2	2	2	2	1	1	1	2	1	1	2	2	2	2	2	2	2
26	5	5	5	4	4	6	7	6	5	3	3	3	3	4	3	3	4	3	2	3	3	4	3	4	4
27	4	4	3	3	2	2	3	3	3	3	3	3	2	2	3	4	6	7	9	9	9	9	11	10	5
28	10	9	5	4	4	4	4	4	3	2	2	2	2	3	5	4	6	4	3	4	4	4	4	5	7
29	4	3	4	5	3	3	4	4	3	4	3	2	2	4	4	5	5	5	5	6	8	6	5	5	6
30	8	5	4	5	4	6	8	13	10	5	5	4	3	3	6	6	5	4	4	5	6	6	6	5	6
31	4	4	4	3	3	4	8	5	4	4	3	5	4	3	3	3	5	4	6	4	6	7	6	7	5
MEAN	7	5	5	5	5	8	9	10	9	8	8	7	8	7	7	7	7	7	7	8	9	9	8	8	7

PERCENTAGE OF DATA VALID - 76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	4	4	6	9	13	13	6	5	4	5	4	5	5	5	3	4	5	5	5	6	5	4	6
2	4	5	4	4	6	8	5	7	12	9	6	3	3	4	4	4	4	4	4	5	4	7	6	6	5
3	5	3	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4	5	3
4	4	4	4	3	3	3	2	3	3	4	3	4	3	3	3	2	3	3	3	3	3	4	4	4	3
5	4	3	3	3	3	4	4	4	5	6	6	7	7	7	8	7	6	5	5	6	7	6	5	5	5
6	4	3	3	3	2	3	4	5	7	6	6	8	6	4	3	3	3	3	3	4	4	4	4	4	4
7	4	4	5	5	4	3	4	6	6	6	8	6	4	3	4	3	4	3	4	4	5	5	5	7	5
8	5	6	6	6	5	6	8	9	8	11	12	6	3	4	5	7	6	5	4	5	4	5	6	6	5
9	5	6	5	5	5	5	7	6	4	3	3	3	4	3	3	3	3	3	3	3	3	8	14	14	5
10	12	10	3	7	8	10	12	12	12	12	7	3	2	2	2	3	3	2	2	3	3	4	6	4	6
11	4	9	3	4	3	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4
12	3	3	3	3	3	3	4	5	5	5	5	5	4	4	5	5	6	5	5	6	13	11	14	15	6
13	11	7	7	7	8	7	10	9	9	7	7	15	10	16	16	16	14	12	11	10	13	11	14	15	10
14	8	6	5	5	6	10	10	10	9	10	8	6	8	10	8	9	11	10	8	10	8	10	10	10	9
15	7	6	5	5	6	10	10	10	11	10	11	1	3	3	3	3	3	3	3	4	4	4	4	5	5
16	4	4	5	5	7	8	8	8	6	5	6	7	9	8	4	4	5	6	6	6	6	6	6	5	6
17	7	6	5	5	6	4	5	5	5	4	3	3	3	2	2	2	2	2	3	3	5	5	5	5	4
18	5	4	4	4	3	3	4	4	6	6	6	6	8	10	10	7	4	4	3	5	8	8	7	6	6
19	4	6	6	6	6	8	8	8	7	8	5	4	5	5	4	3	3	3	3	3	3	5	8	7	5
20	6	6	6	6	6	8	8	8	7	8	5	4	5	5	4	3	3	3	3	3	3	4	5	8	6
21	7	6	6	5	5	6	7	7	9	14	9	7	4	3	3	4	3	3	3	4	4	4	4	5	6
22	7	6	5	5	4	5	6	5	5	7	7	6	5	3	3	3	3	3	4	5	5	4	6	8	5
23	7	7	5	4	4	6	8	8	8	6	6	6	4	7	3	4	5	9	10	5	4	5	4	3	6
24	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	3	3	3	3	4
25	3	3	2	2	2	3	3	3	2	2	2	1	2	2	2	2	1	1	2	2	3	3	3	3	2
26	3	3	3	3	3	3	4	5	5	4	3	4	4	4	4	4	3	4	4	3	5	6	5	4	4
27	3	4	3	4	5	4	5	5	5	5	5	5	4	5	4	5	5	4	4	4	4	5	3	4	4
28	3	3	3	3	2	2	3	4	4	3	4	3	4	5	5	5	4	4	4	4	3	3	3	3	4
29	3	3	3	3	3	3	4	4	3	3	2	2	2	2	3	3	2	2	3	4	4	4	4	4	3
30	4	3	4	4	4	5	6	5	4	4	4	5	6	6	4	4	4	4	4	5	4	5	5	4	4
31	3	3	3	2	3	3	3	3	3	3	4	4	5	4	4	5	4	5	5	5	4	4	4	4	4
MEAN	5	5	4	4	4	5	6	6	6	6	5	5	4	5	4	4	4	4	4	5	5	5	6	6	5

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	3	3	3	3	4	4	4	3	4	4	3	2	2	4	4	4	3	4	3	3	3
2	4	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	3	4	3	3	3	4	4	3
3	3	3	3	3	3	5	4	4	4	4	4	4	4	5	5	5	4	5	5	5	4	4	4	4	4
4	4	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	4	5	4	4	4	4	4	4
5	4	3	3	3	3	4	4	5	5	4	3	3	2	2	2	2	2	2	2	2	3	4	4	4	3
6	3	3	3	2	3	4	5	5	5	4	3	2	2	2	2	2	2	2	3	4	5	7	8	7	4
7	6	6	5	5	4	5	6	6	8	4	3	2	2	2	2	2	2	3	3	4	4	5	6	6	4
8	5	4	4	4	4	3	4	5	4	3	3	3	4	3	3	2	2	3	4	4	4	3	3	3	4
9	3	2	2	2	3	4	4	5	5	6	4	4	3	3	3	4	5	4	4	4	4	5	6	4	4
10	4	4	3	3	4	4	4	5	7	5	5	4	5	3	3	3	3	3	4	4	5	4	3	3	4
11	2	3	3	3	2	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	4	4	4	3
12	4	4	4	3	3	4	4	3	3	3	3	3	4	4	4	3	4	4	4	4	4	3	4	4	4
13	4	4	4	3	3	3	4	4	3	3	3	2	4	4	5	7	6	7	4	4	3	3	3	4	4
14	3	2	4	3	3	3	2	5	4	3	5	6	4	3	2	2	2	3	3	3	3	3	3	3	3
15	3	3	2	2	2	2	2	1	1	1	1	1	2	2	6	3	2	3	4	5	4	4	5	2	3
16	2	3	3	3	2	3	7	8	4	6	6	3	6	7	7	8	3	2	3	4	4	4	4	3	4
17	2	2	3	3	3	4	5	6	4	4	4	3	5	7	7	6	6	5	4	3	3	1	1	4	4
18	2	2	1	1	2	5	4	1	5	4	2	2	5	2	2	2	2	3	3	3	3	2	2	3	3
19	3	4	3	3	3	5	6	5	6	6	4	3	3	3	3	3	3	3	5	5	4	4	3	3	4
20	3	4	5	2	2	4	4	3	2	3	5	6	2	6	5	4	5	5	5	4	3	3	3	4	4
21	4	3	3	4	3	1	3	3	3	3	3	3	3	4	4	3	4	4	4	5	3	4	5	4	3
22	4	4	3	2	2	2	2	3	3	3	2	2	4	4	3	4	4	5	4	4	5	4	4	4	3
23	4	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4
24	3	5	4	4	4	9	8	12	8	6	3	2	3	2	2	2	2	3	4	4	4	4	5	4	4
25	3	2	1	1	1	3	3	4	4	4	3	6	3	3	3	8	7	7	8	5	6	5	5	3	4
26	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	10	7	7	6	5	6	5	4	4	4
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4
28	3	4	4	4	3	3	2	2	3	3	3	4	4	4	3	3	3	3	3	4	3	3	3	2	3
29	2	2	2	2	2	2	2	2	2	2	2	2	4	4	5	4	4	4	5	5	5	8	4	3	3
30	2	3	2	3	4	9	11	10	8	8	7	7	5	8	8	7	7	6	5	5	8	7	5	5	6
MEAN	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	4	7	6	9	6	3	6	7	5	7	4	2	2	2	3	3	4	4	3	4	4
2	1	1	2	2	2	6	6	6	6	3	4	4	4	5	6	8	6	4	3	7	4	4	4	5	4
3	4	3	2	2	2	5	9	8	7	6	6	8	4	8	9	8	8	6	6	5	6	5	5	5	6
4	4	4	2	2	2	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4
5	4	4	2	2	2	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	5	3
6	6	6	4	4	4	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	4	4	4	5	3
7	3	3	2	2	2	7	9	8	6	6	8	5	7	6	8	8	6	6	5	7	7	6	5	4	6
8	3	3	2	2	2	4	3	10	9	8	4	5	4	3	3	3	3	3	3	3	3	3	3	3	4
9	3	4	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	7	6	6	5	4	5	4	4
10	4	3	3	2	3	3	3	3	3	3	5	5	7	5	5	5	6	6	6	5	5	4	5	4	4
11	3	3	3	3	3	3	3	5	3	2	2	2	2	2	3	3	3	4	4	5	5	5	4	5	3
12	5	5	6	6	6	5	5	5	6	5	5	6	8	10	6	4	3	2	3	3	2	3	3	3	5
13	4	3	3	3	2	2	2	2	3	1	1	1	2	1	3	3	1	2	2	2	1	2	2	2	2
14	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	3	2	3
15	2	2	2	2	2	2	5	5	6	4	6	6	5	7	7	6	5	3	3	4	4	3	3	3	3
16	4	3	3	3	3	2	7	7	7	6	2	2	2	2	2	2	2	2	4	3	3	3	4	4	4
17	4	3	3	3	2	2	3	3	3	3	3	5	5	4	5	3	3	3	4	4	3	3	2	3	3
18	3	2	3	2	2	2	4	6	5	3	4	3	4	4	5	4	5	5	4	4	4	4	3	3	4
19	3	3	3	3	2	3	3	4	4	4	5	6	4	4	4	3	4	4	5	4	3	4	4	3	4
20	3	2	2	2	2	2	3	3	3	4	4	4	3	4	4	4	4	4	4	5	4	5	4	3	3
21	3	3	3	3	3	3	3	4	3	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	2	3	3	3	3	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	3
23	4	4	4	4	4	5	5	6	5	5	5	5	4	4	5	5	5	5	4	4	4	4	3	3	4
24	3	3	3	3	3	5	6	6	4	2	2	2	2	2	4	4	4	4	4	4	5	5	5	5	4
25	4	4	3	2	3	4	6	10	10	8	7	6	6	6	6	6	6	4	4	4	4	4	3	3	5
26	4	3	3	2	2	2	2	3	3	2	3	2	3	3	3	3	5	6	4	4	4	4	3	4	3
27	6	4	3	3	3	3	3	3	3	4	3	3	3	2	1	1	1	2	3	3	3	2	2	2	3
28	2	3	3	3	3	3	3	7	6	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	4
29	6	5	5	5	4	6	4	7	6	8	8	8	6	5	6	6	6	6	8	7	7	6	5	5	6
30	5	5	5	5	4	5	5	4	4	4	4	4	4	5	4	5	4	4	4	4	4	4	4	3	4
31	4	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	4	4	3	4	4	4	4	3
MEAN	4	3	3	3	3	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	4	4	4	4	5	4	5	4	4	4	8	7	6	6	5	5	4	6	5
2	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2
3	2	2	2	2	2	2	3	3	2	3	2	2	3	3	3	3	2	3	3	3	4	2	4	3	3
4	3	2	2	2	2	2	4	6	3	2	2	2	4	6	5	5	3	4	3	3	4	4	4	3	4
5	3	2	2	2	2	2	3	3	2	2	2	2	4	3	3	3	2	2	3	3	3	3	3	3	3
6	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	5	5	5	5	5	4	4	4	5	3	3	3	3	3	3	3	4	4	4	2	2	2	2	2	4
9	5	5	5	5	5	4	4	4	5	3	3	3	3	3	3	3	4	4	4	2	2	2	2	2	4
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	6	6	5	5	4	4	3
12	4	4	4	4	4	4	4	4	4	6	5	4	4	6	7	6	9	5	8	6	4	5	4	5	5
13	3	3	3	3	2	3	3	6	3	3	3	2	2	2	2	2	4	3	3	3	2	2	2	2	3
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3
15	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
16	2	3	2	2	1	2	2	2	2	4	3	4	3	2	3	3	4	4	3	3	3	3	3	3	3
17	3	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
18	3	2	2	2	2	2	2	3	3	4	3	3	3	3	5	10	4	4	3	3	3	3	3	3	3
19	4	3	3	3	2	2	3	4	5	5	3	3	3	4	3	3	4	4	3	3	3	3	3	3	3
20	3	3	2	2	2	3	4	3	4	5	5	4	5	4	6	7	6	3	4	3	2	2	1	1	4
21	1	1	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
22	4	2	2	2	2	2	4	4	6	4	5	4	6	7	6	2	3	3	3	3	3	3	3	2	4
23	3	3	3	3	2	2	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	3	3
24	4	4	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	2	3	3	3	3	3	3	3
25	3	3	2	2	2	2	3	4	5	5	4	4	5	5	4	4	5	5	4	4	3	4	4	3	4
26	3	2	2	2	2	2	3	4	5	5	4	5	4	4	4	3	4	4	4	3	2	2	2	2	3
27	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
28	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1
14	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	0	0	0	1	1	1	1
15	1	2	1	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID -	48																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	7	5	6	10
MAR	31	5	10	13
APR	30	5	6	19
MAY	31	5	8	18
JUN	28	4	7	11
JUL	24	7	15	23
AUG	31	5	10	16
SEP	30	4	6	12
OCT	31	4	6	10
NOV	30	3	6	10
DEC	17	2	3	5
YEAR	290	4	15	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	2	40	89	21	0	0	0	152
MAR	54	198	293	165	30	0	0	740
APR	46	221	306	110	9	3	0	695
MAY	42	220	304	152	19	2	0	739
JUN	30	268	280	75	3	0	0	656
JUL	7	89	223	117	60	61	13	570
AUG	4	228	375	105	18	9	0	739
SEP	14	328	335	37	2	0	0	716
OCT	11	329	353	47	0	0	0	740
NOV	37	457	203	19	0	0	0	716
DEC	138	210	16	0	0	0	0	364
YEAR	385	2588	2777	848	141	75	13	6827

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	1.3	2.4	3.3	4.5	7.4	9.1	11.6	13.6	23	4.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	3	3	2	2
2	3	2	1	2	2	2	3	4	5	4	2	2	3	3	3	5	6	4	4	3	1	1	2	2	3
3	2	0	0	0	0	0	2	3	4	6	3	2	3	2	3	3	3	4	4	4	5	4	3	4	3
4	3	3	2	1	1	2	2	3	4	4	2	2	3	2	3	2	5	4	4	4	4	3	4	3	3
5	4	3	3	3	3	3	4	4	4	3	3	4	3	3	3	4	4	4	4	4	4	4	5	4	4
6	5	5	4	4	4	3	3	3	3	3	2	3	3	2	3	3	3	3	4	3	3	3	3	3	3
7	3	3	3	3	3	3	4	5	4	3	2	2	2	2	3	3	4	3	3	3	2	2	2	2	3
8	3	3	2	2	2	2	2	3	3	2	3	3	1	1	2	3	3	3	2	2	2	2	2	2	2
9	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2	3	4	3	3	3	3	3	3	2	2
10	2	2	2	2	2	1	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
11	2	1	1	1	1	1	2	3	2	2	2	2	2	3	4	5	6	8	6	5	6	5	5	5	3
12	4	4	4	3	3	2	2	2	3	2	3	3	5	3	4	5	4	5	5	3	4	4	3	3	3
13	3	3	3	3	3	2	2	3	2	2	2	2	2	2	3	3	4	4	5	5	6	5	5	5	3
14	3	3	2	2	2	2	3	4	4	3	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3
15	3	3	3	3	2	3	3	4	3	3	3	3	3	3	3	4	7	7	3	3	3	4	3	3	3
16	3	3	3	3	2	1	2	4	5	4	4	5	5	3	2	2	2	3	3	2	2	1	2	3	3
17	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2
19	3	3	4	3	4	3	3	4	3	3	3	3	4	4	4	5	4	4	4	4	3	4	3	4	4
20	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	2	1	2	2	3	2	2	3	3	2	1	1	1	0	0	2	3	2	1	2
22	1	1	1	1	1	1	2	6	5	3	3	3	4	3	5	4	3	3	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	4	3	2	2	2	3	3	2	2	2	3	2	3	2	3	3	4	3
24	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3
25	3	3	2	2	2	3	3	5	4	3	4	4	3	3	3	2	5	5	3	0	0	0	3	4	3
26	4	3	3	3	3	3	2	3	3	3	3	2	1	0	0	0	0	0	0	0	2	2	1	1	2
27	2	2	1	0	0	0	0	0	1	1	1	0	1	2	2	3	2	2	2	2	2	3	2	2	1
28	2	2	2	2	2	2	2	3	4	3	2	1	0	0	0	0	0	2	2	1	2	3	2	2	2
29	2	2	2	1	1	1	2	4	4	3	3	3	2	2	1	2	3	5	3	2	2	2	2	2	2
30	1	0	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	2	2	2	1	1	1
MEAN	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	5	3	2	2	2	3	2	2	2	2	2	2	2	1	2	2	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
3	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	4	3	1	2	1	2
5	1	1	1	1	1	1	2	4	3	2	2	1	1	1	2	2	4	3	2	3	3	3	2	3	2
6	3	1	1	1	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	2
7	1	1	1	1	1	1	2	2	3	1	1	2	2	2	3	3	4	5	5	3	3	4	4	4	2
8	3	3	2	3	2	3	4	4	5	3	2	2	2	2	2	2	4	6	4	3	4	4	4	3	3
9	4	4	3	3	3	2	3	4	2	2	2	3	2	2	4	5	4	5	5	4	3	4	4	4	3
10	4	3	3	4	4	4	4	3	3	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	3
11	2	1	1	1	1	1	1	3	2	1	1	1	2	2	2	3	5	4	4	4	3	4	4	4	2
12	3	3	3	4	4	4	3	5	5	5	4	3	4	4	4	2	2	2	2	4	5	3	3	3	4
13	3	3	3	3	3	4	4	6	6	6	4	2	2	2	5	4	4	3	2	4	2	2	2	0	4
14	2	2	2	2	2	2	2	3	3	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	2
15	2	2	2	1	2	2	2	3	3	2	2	2	3	4	4	5	6	6	5	5	4	5	4	3	3
16	2	1	1	2	2	3	2	2	2	2	2	3	3	3	4	4	4	4	3	3	3	3	3	4	3
17	4	3	3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	3	2	2	1	1	2	3	4	3	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2
19	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	1	0	0	2	2	2	2	1	3	3	2	3	2	2	2	2	4	6	3	2	2	3	3	2	2
21	3	3	3	2	2	3	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	3	2	2	2	3	1	2
24	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	3	5	3	3	2	2	3	2	2	2	2	3	3	2	2	3	3	3
26	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
27	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	4
28	5	4	4	4	3	3	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1	1	1	1	1	1	2	4	4	4	4	4	4	4	4	1	3	4	5	4	4	4	3	3	2
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	3	3	3	2	2	2	3	3	3	2	3	2	4	3	1	2	3	2	5	5	5	3	3	3	3
8	3	2	2	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	2	3	1	1	1	1
9	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	3	1
10	3	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	3	3	3	4	4	3	3	2
11	3	3	3	3	3	3	4	4	4	6	4	4	4	0.00	0.00	4	5	5	5	4	3	4	3	2	4
12	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	4	4	3	2	2	2	1	1
13	1	1	1	0	0	1	1	2	2	2	2	2	2	2	2	1	2	3	3	3	2	2	4	4	1
14	1	1	1	1	0	1	2	3	3	3	3	2	2	2	2	2	2	4	4	4	4	4	4	4	1
15	4	3	3	2	2	2	0	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	2	4	4	3	2	5	4	2	2	2	1	1	1	1
17	1	1	1	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	1	1	3	2	2	2	2	2	2	2	2	3	3	1	1	3	3	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	2	3	1	0	0	1
20	2	1	1	2	2	2	3	3	2	0	0	0	0	1	1	1	1	1	1	1	1	1	1	3	1
21	1	2	2	1	1	1	1	0	0	0	1	2	2	2	2	2	3	3	2	3	3	4	3	3	2
22	3	2	1	0	0	0	0	0	1	1	2	2	1	1	0.00	0.00	4	4	3	3	2	2	3	3	2
23	3	3	2	2	2	1	2	2	3	3	3	2	3	3	3	3	3	2	3	3	2	2	0	0	2
24	0	1	0	0	0	1	0	0	0	0	1	1	1	1	2	2	2	2	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	2	3	3	2	2	1	1	2	3	3	3	4	3	2	1	1	1	2
26	0	0	0	0	0	0	0	0	1	0	1	3	3	2	2	1	3	2	2	1	2	0	0	0	1
27	1	0	0	0	0	0	1	4	1	1	2	2	2	2	2	1	0	0	2	3	4	4	4	2	2
28	3	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0
29	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3	2	0	0	2	3	4	4	0	1
4	0	0	0	0	0	0	1	3	4	3	3	3	3	4	4	2	1	0	0	1	0	3	2	2	2
5	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1	0	0	3	1	0	0	0	0	0	0	0	0.00
10	0	0	0	0	1	2	2	3	2	0	0	0	0	1	2	2	1	0	0	4	5	5	6	5	2
11	5	3	0	0	0	0	0	1	3	2	1	0	2	3	0.00	0.00	5	6	5	6	5	5	6	4	3
12	0	0	1	3	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	2	3	0	1	1	3	3	4	4	5	4	4	6	6	6	5	2
14	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	2	2	1	2	2	1	0	1	0	0	2	3	3	4	4	1
17	4	3	3	3	3	2	2	3	4	3	2	1	1	0.00	0.00	1	0	0	0	0	0	0	2	1	2
18	3	1	1	1	1	2	3	4	3	2	1	1	2	1	1	2	1	1	1	2	1	0	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	5	6	6	7	3	3
20	7	7	7	8	8	9	8	5	5	4	3	2	2	3	4	3	1	1	1	2	2	3	4	4	4
21	4	4	4	4	4	3	2	2	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	4	1	0	0	0	0	0	0	0	0
23	0	0	0	1	1	1	1	0	0	1	2	2	2	2	1	0	3	2	2	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	3	0	0	3	3	2	1
25	2	2	1	0	0	0	1	4	5	5	2	2	2	1	0	1	3	4	4	3	1	0	0	0	2
26	0	0	0	0	1	2	3	1	0	2	2	2	4	4	4	6	4	0	2	3	2	2	2	2	2
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	4	3	2	2	2	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	4	4	4	4	4	4	4	3	3	2
2	1	0	2	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	0	2	2	3	4	5	***	5	5	5	0	3	5	6	4	4	3	3	2	2	2	3
4	1	0	0	0	0	0	0	0	1	3	3	3	3	4	4	4	4	3	4	4	4	4	5	5	2
5	7	8	9	8	6	5	4	1	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	0	2
6	0	0	0	0	0	1	3	4	4	4	4	4	4	3	3	3	3	3	3	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	3	1	2	2	2	3	5	4	2	3	2	4	2	1	1	1	1	1	1	3	3	4	4	3	1
9	0	0	0	0	0	0	0	0	0	3	4	4	2	3	4	4	4	3	3	1	1	1	1	0	2
10	2	1	1	1	1	2	4	4	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	- DATA MISSING -																								
12	- DATA MISSING -																								
13	- DATA MISSING -																								
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	4	5	7	8	8	7	5	4	***
15	4	3	3	2	3	5	6	5	4	5	5	2	2	3	3	2	2	2	3	4	3	3	2	3	3
16	2	3	2	2	3	4	4	3	2	2	2	2	2	3	5	5	3	2	2	1	2	3	1	1	3
17	1	1	1	1	2	4	5	6	7	3	4	3	4	4	4	5	3	1	***	***	***	***	***	***	3
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	6	7	5	4	4	2
20	3	4	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	5	5	5	3
21	5	3	2	2	3	2	3	3	2	***	1	2	2	3	3	3	4	6	8	8	8	7	7	3	4
22	3	6	7	8	9	11	14	14	13	12	7	6	8	9	6	5	4	5	5	3	4	2	2	2	7
23	2	1	2	3	4	5	6	4	5	4	2	***	3	3	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	1	1	1	1	2	1	1	1	1	2	2	2	2	1	2	2	2	3	2	1	2	1	1	1	***
26	1	1	1	1	1	0	1	1	1	2	2	2	2	1	3	2	3	4	2	1	2	2	1	1	2
27	1	1	1	1	2	3	2	2	2	3	3	4	5	4	3	2	2	4	4	5	4	1	2	2	3
28	2	2	2	2	3	4	2	4	3	5	3	2	2	2	3	3	4	5	6	5	4	3	3	2	3
29	2	2	2	2	4	4	4	4	5	5	6	7	9	8	5	4	3	2	3	4	6	6	4	5	4
30	4	2	1	1	2	5	6	4	3	3	4	6	5	5	4	2	3	2	3	3	3	5	5	2	3
31	1	1	1	1	1	1	2	2	2	2	4	3	3	***	6	6	4	5	3	2	4	3	2	2	3
MEAN	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	4	2	3	3	2	2	1	3	2	2	3	4	4	5	3	3	4	2	3
2	5	2	3	2	2	2	1	1	1	1	1	2	3	2	1	1	1	2	3	5	7	7	8	7	3
3	7	6	5	3	3	5	8	10	9	7	7	6	4	***	***	***	4	3	3	4	5	6	5	6	6
4	6	6	5	5	3	5	6	9	7	6	6	4	3	4	3	3	3	5	6	6	7	7	8	7	5
5	6	6	4	6	6	6	7	8	6	4	5	4	4	5	4	3	3	2	3	3	3	6	8	6	5
6	5	3	3	3	3	3	4	6	3	2	***	***	2	2	1	2	2	2	3	2	2	2	3	3	3
7	2	2	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	1	1	2	5	8	7	3	2
8	2	2	2	1	1	1	1	1	1	2	3	3	2	1	1	2	2	2	2	2	2	2	2	6	2
9	7	6	6	5	3	3	2	2	2	3	3	3	2	2	3	4	2	3	4	5	4	4	4	3	4
10	3	2	2	2	2	3	4	4	5	5	3	3	4	4	4	4	6	5	4	6	6	3	4	3	4
11	2	1	1	1	1	2	3	3	2	3	2	2	2	2	3	4	4	3	3	4	5	7	7	5	3
12	5	5	5	4	2	2	8	3	4	3	3	2	2	2	2	3	4	3	3	5	3	4	4	6	4
13	6	6	5	4	3	5	7	6	5	5	5	4	3	4	6	6	6	6	6	6	6	6	6	5	5
14	5	6	6	5	4	7	8	9	8	5	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***
15	- DATA MISSING -																								
16	- DATA MISSING -																								
17	- DATA MISSING -																								
18	- DATA MISSING -																								
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	2	3	3	4	2	2	2	3	2	3	2	3	4	5	3	4	3	3	2	3	4	4	4	3	***
23	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	2	2	2	2	2	3	4	2	2	2	2	1	1	1	***	1	1	1	3	4	3	4	4	3	2
26	2	1	1	1	2	3	3	2	2	1	2	2	1	2	1	1	3	2	1	2	4	5	4	5	2
27	5	5	4	5	5	5	7	9	5	3	2	1	2	1	1	1	1	1	1	2	5	6	5	5	4
28	4	4	3	5	4	4	4	2	1	1	1	1	***	***	1	1	1	1	1	2	2	1	1	1	2
29	1	2	3	2	1	2	3	3	5	6	5	5	5	4	4	5	5	4	4	6	8	5	5	6	4
30	4	2	3	2	1	1	2	2	2	2	2	2	3	3	3	3	2	2	4	3	6	4	5	5	3
MEAN	4	3	3	3	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	4	3

PERCENTAGE OF DATA VALID - 71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	3	3	3	3	2	3	3	2	2	2	2	2	2	2	3	5	6	5	5	3	3
2	4	3	2	2	2	4	6	6	5	5	5	4	5	5	5	5	5	4	4	4	4	4	6	5	4
3	5	5	1	1	1	1	7	6	6	10	7	8	6	6	6	7	4	8	5	12	11	10	10	4	6
4	4	3	3	3	4	5	7	6	6	6	6	5	4	4	4	5	4	4	5	4	6	3	3	2	4
5	2	2	1	1	1	4	4	3	1	2	2	2	5	3	3	4	4	3	5	4	4	4	3	3	3
6	4	4	3	3	3	4	4	3	4	4	4	4	5	3	4	3	3	4	6	7	5	7	7	5	4
7	6	5	4	5	4	3	4	4	3	4	4	4	3	4	4	3	3	3	5	10	9	9	7	8	5
8	6	7	5	6	7	8	12	11	8	6	4	4	3	4	4	6	5	4	5	6	7	10	9	7	7
9	4	2	2	2	4	6	8	7	6	6	6	3	3	3	3	4	5	4	5	7	4	3	4	3	4
10	2	1	1	1	2	3	2	2	3	3	2	3	3	3	5	4	4	4	3	3	2	1	1	1	2
11	2	1	1	1	2	3	2	2	2	1	2	3	3	2	3	4	4	5	4	4	5	3	3	2	3
12	1	1	1	2	3	6	4	4	3	2	2	2	4	4	3	4	6	5	5	4	4	4	4	3	3
13	4	4	4	4	3	5	3	7	5	5	8	5	5	4	4	4	4	3	5	8	9	5	5	6	5
14	5	6	8	4	4	5	3	3	5	5	5	3	3	3	3	3	3	2	3	4	8	6	6	3	4
15	2	1	1	1	1	5	4	2	2	2	4	4	2	2	2	4	4	4	4	4	4	4	3	2	3
16	1	1	1	1	1	3	5	5	4	4	2	4	2	2	2	4	4	4	4	4	5	5	4	4	5
17	3	3	3	3	3	6	7	6	8	7	7	7	7	6	6	8	7	6	5	4	5	5	6	5	5
18	3	3	4	4	2	4	5	5	5	5	5	5	5	6	6	6	9	6	6	6	6	7	8	7	5
19	3	2	1	1	1	5	5	5	5	5	3	5	5	6	6	6	3	3	3	3	3	3	3	2	3
20	1	1	1	1	2	2	1	1	2	1	1	2	2	3	2	2	2	2	3	5	3	3	3	3	2
21	2	2	1	1	1	1	1	1	1	1	2	3	1	1	2	2	2	3	2	5	4	5	4	4	2
22	2	4	5	5	4	4	4	4	2	2	1	1	2	1	2	2	2	3	2	5	1	1	2	4	3
23	2	1	1	1	2	4	6	6	4	4	4	4	4	4	4	2	2	2	2	2	4	6	5	4	3
24	0	2	1	1	2	5	6	4	4	3	3	3	6	6	2	5	4	4	4	3	3	1	1	1	3
25	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	1
26	1	2	3	2	1	2	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
27	3	4	4	4	1	2	3	3	4	4	3	4	5	4	4	4	6	5	5	3	4	6	8	7	4
28	9	6	6	5	4	4	5	4	4	3	3	3	3	3	3	3	3	3	4	7	4	6	6	6	4
29	4	2	2	2	2	2	4	5	4	4	5	5	5	5	6	8	8	6	4	3	5	5	6	6	4
30	6	3	2	3	4	3	7	6	4	3	8	4	3	4	3	2	3	3	4	6	7	6	4	4	4
31	4	4	2	3	2	4	4	4	4	3	2	4	3	3	3	5	5	3	3	4	4	3	4	3	3
MEAN	3	3	3	2	2	3	5	4	4	4	4	4	3	3	4	4	4	4	4	5	5	5	5	4	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	3	3	2	6	5	4	4	3	6	4	4	5	2	2	2	2	2	2	3	3	4	3
2	3	4	2	1	2	3	4	3	3	3	3	3	3	3	4	4	3	3	4	4	6	3	5	4	3
3	3	3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	3	2	5	4	4	2	2
4	2	2	2	1	1	1	2	2	2	3	3	2	3	2	2	2	2	2	3	2	3	3	3	3	2
5	3	3	2	2	3	3	5	5	8	5	5	5	4	4	4	5	2	2	3	5	6	5	5	5	4
6	4	4	4	4	4	4	4	4	6	7	5	9	7	6	3	3	4	4	5	7	10	10	11	9	6
7	10	9	6	6	6	7	7	11	10	11	10	8	4	5	5	8	6	7	4	6	6	4	5	6	7
8	5	5	5	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	5	3
9	4	3	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	2
10	4	3	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	2
11	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
12	2	1	1	1	1	2	4	4	2	3	3	2	2	3	3	6	5	5	7	7	8	6	5	4	4
13	4	4	4	4	4	4	6	7	6	6	6	6	4	4	4	7	4	3	2	3	1	1	1	1	4
14	1	1	1	1	2	2	2	2	1	1	1	1	2	2	0	2	3	3	2	2	3	2	3	2	2
15	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	2	1	1	3	2	3	4	2
16	2	2	2	2	3	3	4	4	2	2	3	2	2	3	3	6	5	2	1	1	3	6	7	8	4
17	9	6	3	3	3	4	4	4	6	6	6	3	3	3	3	4	5	4	5	3	4	4	4	4	4
18	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	5	5	4	4	4	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	7	7	6	5	5	5	5	5	4	2	2	2	2	3	2	2	2	2	1	2	2	2	2	2	4
21	6	6	6	5	5	5	6	6	8	10	7	6	4	5	3	3	2	4	5	2	2	2	4	6	5
22	5	8	7	6	5	5	5	5	5	5	5	7	4	4	5	4	6	4	6	4	6	8	8	8	6
23	7	6	5	4	4	6	7	10	7	7	6	6	4	5	4	6	8	10	11	4	5	4	3	3	6
24	2	2	1	1	1	2	1	1	3	2	2	3	3	2	3	3	2	2	2	3	3	3	3	3	3
25	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	2	3	3	1	1
26	1	1	2	3	3	3	3	4	2	4	4	4	4	5	5	2	5	4	4	5	5	4	4	3	4
27	2	1	1	1	2	4	5	6	5	4	3	3	2	4	3	3	4	4	4	3	2	3	4	3	3
28	3	3	3	3	3	3	5	4	2	1	1	2	2	2	3	2	3	2	3	3	3	3	2	2	3
29	2	2	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	6	5	3	4	2
30	4	6	5	5	4	5	7	6	3	3	3	3	3	4	3	5	4	6	8	8	4	5	5	4	5
31	2	2	1	1	1	2	3	3	4	4	4	3	3	2	3	2	3	2	2	4	4	3	3	3	3
MEAN	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 96

UNITS - 0.01 PARTS/MILLION

MONTH SEP 74

13 14 15

PERCENTAGE OF DATA VALID - 98

UNITS - 0.01 PARTS/MILLION

MONTH OCT 74

13 14 15

PERCENTAGE OF DATA VALID - 20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	1	1	1	1	1	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	0	0	1	1	2	1	1	1	2	0.00	2	3	4	4	2	2	2	1	2	1	2
7	1	1	1	1	1	1	3	5	2	2	2	1	3	3	4	2	5	5	3	3	3	3	3	3	3
8	5	3	2	3	4	4	3	9	8	3	5	5	3	3	0.00	6	8	9	4	1	1	1	1	1	1
9	3	3	3	3	1	2	1	1	1	1	2	3	2	2	1	2	5	3	2	2	1	1	1	1	1
10	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	6	4	5	3	3	3
12	3	2	3	2	2	2	2	3	5	4	2	1	1	1	1	3	4	3	2	1	1	1	2	2	2
13	2	2	1	1	1	1	1	2	3	2	1	2	2	1	2	1	3	4	4	2	3	2	2	2	2
14	1	1	1	1	1	1	1	2	1	1	2	1	2	2	2	1	2	3	3	2	2	2	2	2	2
15	2	2	2	2	1	1	1	2	3	2	2	1	2	2	1	2	2	3	4	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	4	5	3	4	2	3	3	3
17	3	2	2	2	2	1	2	2	2	1	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3
18	1	2	2	2	3	6	4	3	2	3	2	3	4	0.00	3	4	3	3	3	2	3	4	4	3	3
19	3	3	2	3	3	2	1	3	2	1	2	0.00	0.00	0.00	2	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	2	3	2	2	4	0.00	3	4	4	2	2	2	1	1	1	1
21	1	1	1	1	1	1	2	2	2	2	1	2	2	2	0.00	2	2	2	1	1	1	1	1	1	1
22	1	1	1	1	0	1	1	2	1	1	1	0.00	0.00	0.00	2	3	5	4	3	2	3	4	1	1	1
23	5	3	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	2	4	3	4	3	3	3
24	4	4	3	2	2	3	3	2	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	0	1	1	1	3	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	3	3	2	1
30	2	2	2	2	1	1	1	2	2	2	1	1	2	2	1	2	2	2	2	2	2	2	1	1	2
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	3	2	2	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	5	11	7	8	8	10	5	8	6	4
5	10	11	10	7	5	5	4	5	4	4	4	5	3	3	0.00	5	3	4	3	5	5	5	5	5	5
6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	6	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5
8	3	3	3	3	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	1	1	1	1	1	1	2	4	3	2	3	2	1	2	2	2	3	3	2	2	2	2	2	2	2
10	2	1	1	1	1	1	1	2	3	3	3	3	3	3	2	3	2	3	3	3	3	3	4	3	3
11	3	3	3	3	3	3	2	5	4	4	3	4	3	4	5	4	4	4	4	5	3	3	4	5	4
12	4	4	4	4	4	4	3	7	4	2	6	4	4	4	4	6	5	4	5	6	2	5	4	4	4
13	3	3	3	3	3	3	5	4	4	4	3	3	5	3	0.00	4	4	3	4	3	3	3	2	2	3
14	2	2	2	1	1	1	2	1	2	1	3	5	4	4	4	4	3	2	2	3	3	3	2	2	2
15	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	5	4	4	4	4	4	5	5	5	3
17	3	2	2	2	2	2	2	4	3	3	3	3	2	2	2	4	4	4	2	5	2	2	2	2	3
18	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5	0.00	4	3	3	3	4	3	4	3
21	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	2	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	3	6	5	5	4	3	3	2	3
23	3	2	2	2	2	2	2	2	3	4	3	4	3	3	0.00	5	4	5	5	5	5	4	3	3	3
24	4	3	3	3	3	3	2	3	3	3	2	3	3	3	2	4	5	4	4	5	4	4	4	4	4
25	4	4	4	3	3	3	3	3	3	2	2	2	2	2	1	2	2	2	2	2	3	2	2	2	2
26	4	3	3	3	3	3	3	3	3	2	2	2	2	0	2	2	1	1	1	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	3	3	0.00	0.00	0.00	3	4	5	3	4	3	3	3	3	3	3
28	3	2	2	3	2	2	2	3	3	4	2	2	1	1	1	2	2	3	3	2	2	2	2	2	2
29	2	1	1	2	2	2	2	2	2	1	2	1	1	1	2	2	4	2	3	2	2	2	2	2	2
30	2	2	2	2	2	1	2	2	2	2	1	2	3	2	0.00	2	3	1	4	4	5	5	4	5	5
31	4	3	3	3	3	4	4	7	5	6	4	3	3	4	5	5	4	4	4	3	4	4	3	4	4
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	2	3	3	4	4	3	3	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	4	8
FEB	28	2	4	6
MAR	30	2	4	6
APR	30	1	4	9
MAY	28	3	7	14
JUN	24	3	6	13
JUL	31	4	7	12
AUG	31	3	7	11
SEP	30	3	6	9
OCT	7	0	0	2
NOV	30	2	4	9
DEC	30	3	5	11
YEAR	330	3	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	158	450	128	3	0	0	0	739
FEB	184	307	107	0	0	0	0	598
MAR	343	232	55	0	0	0	0	630
APR	499	124	64	8	0	0	0	695
MAY	188	222	150	24	3	2	0	589
JUN	78	216	179	37	2	0	0	512
JUL	87	282	301	57	4	0	0	731
AUG	124	292	243	52	5	0	0	716
SEP	121	280	276	32	0	0	0	709
OCT	148	1	0	0	0	0	0	149
NOV	357	287	48	4	0	0	0	696
DEC	127	354	196	13	2	0	0	692
YEAR	2414	3047	1747	230	16	2	0	7456

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	0.9	1.8	2.8	4.6	5.6	6.9	7.8	14	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	2	2	2	2	1	1	2	2	1	1	1	1	1	0	0	0	1	1	0	1	2	3	3	3	1
7	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1	0	1	3	1
8	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	4	4	2	1
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	2	2	2	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	3	1

PERCENTAGE OF DATA VALID - 11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29	4	5	5	5	5	4	4	4	4	4	4	5	7	7	7	6	7	7	7	7	5	6	4	4	4
30	4	5	5	5	5	4	4	4	4	4	4	5	7	7	7	6	7	7	7	7	5	6	4	4	4
31	3	1	1	2	2	2	2	2	3	3	2	3	2	2	2	2	2	3	2	2	1	2	4	4	2
MEAN	4	3	3	4	4	3	3	3	4	4	3	4	5	5	5	5	4	4	4	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	2	2	3	2	2	2	3	1	2	2	4	5	4	3	2	1	1	2	2
2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	1	1	1	2	1	1	1	2	2	3	3	2	3	2	2	2	2	2	1	1	2
4	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	2	2	2	2
5	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	1	2	3	3	3	2	1	1	1	2	2	2	2	2	1	2	2	2	2
7	2	1	1	2	1	2	3	3	3	3	3	3	1	1	1	1	5	5	5	3	3	3	2	3	3
8	2	2	2	2	2	2	2	3	3	4	3	3	4	4	6	5	5	5	5	6	4	3	3	3	3
9	3	3	3	2	1	1	1	3	2	3	3	2	4	3	3	3	3	3	3	2	2	2	1	2	2
10	1	2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	5	5	4	4	4	3	3	3
12	2	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16																									
17																									
18																									
19	3	2	1	1	1	1	3	3	4	4	3	3	4	4	4	4	4	4	4	4	3	4	4	4	3
20	3	3	3	3	3	3	3	2	3	3	3	2	3	3	3	3	3	3	2	2	1	1	1	1	3
21	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
24	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	1
25	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26																									
27	2	3	2	2	2	2	4	3	4	2	1	1	1	1	2	2	4	5	4	4	4	4	4	3	2
28	3	3	3	3	3	3	3	3	3	3	4	4	5	4	3	3	3	3	2	2	2	2	2	2	3
29	2	2	2	2	2	2	3	3	3	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3
30	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3																									
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	3	4	4	4	4	4	3	4	4	2
5	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	3	3	3	3	3	2	3	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	4
7	4	4	4	3	3	3	3	3	3	5	5	4	4	4	4	5	5	5	5	4	4	4	4	4	4
8	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	2	1	1	1	1	3
9	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	2	1
10	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
11	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	4	4	4	4	4	4	3
12	4	4	4	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	3
14	2	2	2	2	1	1	2	2	2	1	0	1	1	1	1	2	2	2	3	3	2	3	3	3	3
15	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
16	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	2	2	2	2
17	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2
19	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	2	2	2	2	2	2	2	3	3	4	5	5	4	4	4	4	4	4	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
23	3	3	3	3	3	3	3	3	4	4	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	2	2	2	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
26	3	3	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3
28	3	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
29	1	1	1	1	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	3	3
31	3	3	2	2	2	2	2	3	4	3	4	4	5	4	3	3	4	4	4	4	4	4	4	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	5	1	1	4
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	3	4	4	7
NOV	28	2	3	6
DEC	31	2	4	5
YEAR	67	2	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - ELMCREST ROAD, ETOBICOKE

NO 35003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL	66	17	5	0	0	0	0	88
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT	3	22	27	8	0	0	0	60
NOV	176	385	53	0	0	0	0	614
DEC	156	457	96	0	0	0	0	709
YEAR	401	881	181	8	0	0	0	1471

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
49	0	0.4	1.1	1.7	2.4	3.3	3.8	4.5	5.0	7	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	3	3	3	2	3	4	2	13	4	***	***	6	6	5	4	5	7	7	7	6	6	6	5	8	5
5	6	4	4	2	3	4	4	4	5	5	5	5	3	3	3	4	3	3	4	4	4	4	4	4	4
6	4	3	3	4	4	6	8	7	6	6	***	4	4	4	4	4	7	6	8	8	9	9	7	7	6
7	5	5	5	6	5	7	16	22	20	7	6	5	4	2	3	3	4	4	5	5	2	2	2	2	6
8	3	2	3	1	2	2	2	2	***	3	4	3	4	3	4	3	3	3	3	2	1	2	2	2	3
9	2	2	2	2	2	2	2	3	4	5	5	6	18	17	6	11	16	15	17	13	6	5	2	2	7
10	1	2	2	1	2	2	1	2	1	2	2	2	2	3	3	2	2	2	3	2	2	2	4	6	2
11	3	2	2	5	3	3	3	4	***	5	5	3	2	3	4	5	5	3	3	1	3	2	3	2	3
12	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	1	2	1	1	1	2	2	2	1	2
13	2	2	2	1	1	1	2	3	3	2	***	2	3	2	2	2	3	2	2	2	3	2	2	2	2
14	2	1	1	2	2	3	7	12	-11	7	5	5	5	2	4	3	3	3	2	3	2	3	2	2	4
15	3	2	2	1	2	4	4	8	9	5	***	3	3	4	4	5	4	4	7	6	3	3	2	3	4
16	3	3	3	4	6	5	5	7	9	8	7	5	4	4	3	2	2	1	2	1	1	3	3	4	4
17	2	3	1	1	1	2	2	2	1	2	1	1	2	2	2	1	1	1	2	2	2	1	1	1	2
18	1	1	1	2	2	4	4	7	***	***	2	2	2	2	2	3	2	2	2	2	2	3	4	4	3
19	3	5	5	3	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2
20	1	1	1	1	2	2	5	11	9	6	3	***	1	2	2	1	2	2	2	1	2	2	1	1	3
21	1	1	2	1	1	1	4	7	7	9	7	***	***	2	3	4	2	2	2	2	6	4	3	3	3
22	2	2	3	3	6	4	2	3	3	***	5	4	3	2	3	2	1	1	1	2	3	2	2	2	3
23	2	2	3	3	4	3	2	2	2	2	2	2	1	1	1	1	2	3	3	3	2	1	2	2	3
24	1	1	1	1	0	2	2	1	1	1	1	1	2	1	2	1	1	1	1	1	1	0	0	0	1
25	1	1	2	1	2	2	5	3	2	***	1	2	1	2	2	2	1	1	2	3	3	0	2	2	2
26	2	3	3	3	2	3	5	***	6	7	4	3	4	3	3	3	3	2	2	2	2	2	2	2	2
27	1	2	1	1	1	1	1	2	3	2	***	2	1	2	1	5	7	8	9	9	5	2	2	1	3
28	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
29	1	1	1	1	1	1	1	1	3	3	2	***	4	4	3	4	5	4	3	3	3	3	3	3	3
30	2	2	2	2	2	2	2	3	4	6	6	6	5	4	9	10	8	8	7	5	4	4	3	2	5
31	2	2	1	2	1	1	1	1	2	2	2	3	2	2	4	2	1	2	2	3	***	***	***	***	2
MEAN	2	2	2	2	2	3	3	5	5	4	4	3	3	3	3	3	4	3	4	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	2	2	2	2	2	DATA MISSING	4	3	2	2	2	1	2	1	2	2	3	2
2																									
3	5	4	2	3	3	4	2	4	4	4	2	3	5	3	4	5	6	5	5	4	6	6	5	5	4
4	6	5	4	4	4	4	6	6	4	4	3	3	2	2	1	3	4	5	3	3	3	3	3	1	4
5	2	3	2	2	2	2	3	2	3	3	3	3	3	4	4	4	4	4	3	3	3	4	4	5	3
6	3	3	2	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2
7	1	1	1	2	4	2	1	2	2	3	3	4	7	2	2	1	2	1	2	1	1	1	1	1	2
8																									
9	1	1	1	1	2	2	4	3	2	2	1	1	1	1	2	2	3	2	2	2	1	1	4	2	2
10	2	5	12	9	7	8	22	21	17	7	2	2	3	1	1	1	2	1	1	1	2	2	2	2	6
11	2	2	1	1	1	1	2	2	***	3	2	3	3	5	4	4	2	2	2	1	3	2	2	2	2
12	2	2	2	2	2	2	1	1	2	1	2	3	3	4	3	4	4	4	3	3	3	2	3	3	3
13	3	3	3	3	2	3	3	3	3	4	3	3	2	2	1	2	2	2	3	4	3	6	3	2	3
14	2	2	2	3	2	3	2	2	3	4	4	5	4	2	1	2	2	1	1	1	1	1	1	1	2
15	2	2	2	2	2	1	1	4	2	2	2	2	2	2	3	2	2	2	2	3	5	9	12	7	3
16	2	2	4	3	4	23	24	25	19	10	6	3	2	1	1	1	3	2	2	2	4	5	6	10	7
17																									
18	6	5	5	4	6	7	8	8	6	4	4	3	3	4	4	3	4	3	3	3	3	2	2	3	4
19	2	2	2	2	2	2	3	3	3	4	3	2	2	2	2	2	2	3	2	2	2	2	3	2	2
20	4	4	3	2	2	2	2	4	3	2	2	2	2	1	1	1	1	1	2	1	2	1	2	1	2
21	2	4	4	4	2	2	2	1	2	2	2	2	3	2	1	3	3	2	2	2	3	3	2	***	2
22	***	***	***	***	***	***	***	***	***	***	5	4	7	9	7	6	4	3	2	1	1	1	1	2	***
23	2	2	2	1	1	2	2	2	2	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2
24	1	1	1	1	1	1	1	2	2	2	***	1	2	1	1	1	1	1	1	2	3	2	3	2	2
25	3	6	10	11	10	11	10	9	7	5	4	2	2	2	2	2	2	1	2	2	1	2	3	4	5
26	7	14	16	16	14	16	19	17	15	9	4	4	4	3	2	1	***	***	***	***	***	***	***	***	10
27																									
28																									
29	***	***	***	***	***	***	***	***	***	***	6	4	4	3	3	3	2	3	4	3	4	4	4	4	***
30	5	5	6	6	6	7	7	8	8	10	10	8	7	6	5	6	5	4	2	2	2	1	1	2	5
MEAN	3	4	4	4	4	5	6	6	5	4	3	3	3	3	2	3	3	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	3	6	7	3	2	1	1	0	1	3	2	1	1	1	1	2	2	2	2	2
2	2	2	2	2	3	6	11	14	12	12	9	9	1	1	1	5	5	3	2	3	3	2	2	2	6
3	2	2	2	2	2	3	2	2	3	3	3	2	2	2	2	1	1	1	2	2	1	1	1	1	2
4	2	2	2	2	2	2	3	2	2	2	3	3	2	2	2	1	2	2	2	2	1	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	4	4	4	4	1	2	2	2	2	2	3	1	1	1	3
6	1	3	3	3	2	2	2	3	2	2	4	4	4	4	1	4	4	2	2	2	3	1	1	1	2
7	4	3	3	2	2	4	5	6	4	3	2	2	2	1	1	1	1	1	1	2	1	2	2	2	3
8	2	2	1	2	1	1	2	4	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	1	1	2	4	4	4	4	4	3	3	3	4	4	4	3	2	2	2	2	2	3
10	3	2	3	4	6	10	14	16	6	4	3	3	2	2	2	2	2	3	2	2	2	2	2	2	4
11	2	2	2	2	2	2	2	3	2	3	3	3	4	6	5	5	5	7	7	6	7	7	7	6	4
12	5	5	5	5	5	5	5	5	5	6	5	5	2	1	3	2	2	1	1	2	2	2	2	2	3
13	2	2	2	2	1	3	4	5	6	6	6	6	2	2	3	3	3	3	3	4	4	4	4	4	4
14	2	2	2	2	3	4	4	5	6	6	6	6	2	2	3	3	3	3	3	4	4	4	4	4	4
15	5	5	5	5	5	4	4	5	6	6	6	6	2	2	3	3	3	3	3	4	4	4	4	4	4
16	2	2	2	2	1	1	1	2	3	1	2	2	3	2	4	4	4	5	7	10	9	9	10	13	4
17	13	1	1	1	7	6	8	10	9	11	7	4	4	4	4	4	5	3	3	3	4	4	3	2	6
18	2	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	1	1	2	1	2
19	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
20	1	1	2	2	1	1	2	1	2	2	1	1	0	1	1	1	0	1	1	1	1	2	1	1	1
21	1	2	2	1	2	2	2	4	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2	2	3
22	2	3	3	4	9	11	10	12	13	10	9	10	9	8	9	7	5	4	4	6	7	8	6	7	7
23	7	8	9	9	10	11	12	12	12	10	9	10	9	8	9	7	5	4	4	6	7	8	6	7	7
24	0	1	1	2	4	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	4
25	2	1	2	2	3	5	4	4	3	2	2	2	2	2	1	2	1	1	2	2	1	1	2	3	2
26	4	5	4	3	2	1	1	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	2
27	2	2	3	4	5	7	6	6	6	3	2	3	3	5	3	2	1	1	1	1	2	4	4	7	3
28	7	8	9	8	9	10	12	13	14	12	10	9	7	6	7	8	9	9	10	9	10	10	10	10	9
29	10	9	10	9	10	9	12	16	14	13	11	10	10	9	8	9	8	7	6	6	5	5	7	6	9
30	4	5	5	7	8	8	7	6	6	6	6	6	5	5	6	5	6	6	5	4	3	3	2	5	5
31	1	2	3	5	8	10	15	15	15	15	14	13	12	12	12	12	13	10	6	4	4	4	2	2	9
MEAN	3	3	4	3	4	4	5	6	5	5	4	4	3	4	4	3	3	3	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	5	4	5	5	5	5	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
2	2	3	4	5	4	4	6	4	3	2	2	1	1	1	1	1	1	1	2	1	1	2	3	2	2
3	2	3	3	3	6	9	12	13	11	8	6	5	4	4	4	4	4	3	2	2	2	2	3	3	5
4	3	3	3	3	4	5	9	9	9	9	8	6	5	5	5	4	4	4	3	3	3	3	3	3	4
5	3	3	3	3	4	6	7	9	9	5	5	5	5	5	5	4	3	3	3	3	2	2	2	2	4
6	2	2	2	2	3	3	5	6	6	5	5	5	5	4	4	4	4	4	3	3	2	2	2	2	3
7	2	2	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	3
8	3	1	1	1	2	1	2	2	3	3	3	3	2	1	2	2	2	1	3	3	3	3	3	3	3
9	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	4	3	3	6	7	8	9	9	10	10	9	8	8	9	8	8	8	7
11	7	7	7	7	7	8	8	9	9	8	8	8	8	8	8	8	8	8	7	7	7	7	7	6	8
12	7	6	5	4	4	4	5	5	4	3	3	3	2	2	2	2	2	2	2	1	2	3	3	3	3
13	5	3	3	3	1	2	0	0	0	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
14	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
15	2	2	2	2	3	4	4	4	1	1	1	2	1	1	2	1	1	1	1	1	2	1	1	1	1
16	1	1	1	1	3	3	3	3	4	2	2	2	2	1	3	5	4	3	3	2	1	1	2	2	2
17	2	2	2	2	3	3	3	3	6	6	4	4	3	3	5	5	5	6	6	5	6	7	5	4	4
18	2	2	2	2	3	3	3	3	6	6	4	4	3	3	5	5	5	6	6	5	6	7	5	4	4
19	2	2	2	2	3	3	3	3	6	6	4	4	3	3	5	5	5	6	6	5	6	7	5	4	4
20	18	19	19	19	20	21	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
21	3	5	6	6	7	8	10	12	14	15	16	17	18	17	16	18	15	12	9	8	6	6	6	6	11
22	6	6	6	6	4	3	3	3	3	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	3
23	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	4	5	5	4	4	4	4	4	3	3	3	3	2	1	1	1	1	1	1	2
25	2	2	2	2	2	3	3	4	5	5	6	6	6	6	6	8	9	8	6	6	5	5	5	5	5
26	4	4	3	3	3	4	6	9	10	11	10	10	10	9	8	8	9	8	7	6	5	5	7	11	7
27	11	10	9	8	7	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7
28	2	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2
29	2	2	1	1	1	1	2	3	3	3	3	3	4	3	2	2	1	1	1	2	2	2	3	4	2
30																									
MEAN	4	4	4	4	4	4	5	6	5	5	5	5	4	4	4	4	4	4	4	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
2	3	3	3	4	5	6	8	***	***	11	12	12	11	12	12	9	9	10	12	13	14	14	14	12	10
3	13	16	18	20	21	24	25	26	28	29	29	29	29	30	29	28	28	26	23	19	16	13	12	11	23
4	11	13	14	16	17	19	21	21	21	22	23	23	22	21	20	20	20	19	18	16	14	12	11	10	18
5	9	10	11	13	13	14	13	14	13	13	12	***	***	10	10	10	10	10	8	7	7	7	7	7	10
6	7	7	7	8	9	9	8	8	9	10	9	8	7	8	7	7	9	8	8	7	7	6	6	7	8
7	8	8	8	9	10	10	9	7	8	7	6	6	5	5	4	4	4	5	4	5	5	5	5	5	6
8	5	6	7	7	7	9	11	9	9	10	10	9	***	***	10	11	14	16	15	14	13	12	12	11	10
9	11	13	13	12	13	14	15	14	14	14	14	14	***	***	***	***	***	12	10	9	9	8	8	8	12
10	8	8	9	9	9	10	12	13	12	12	13	***	***	***	***	***	***	***	***	8	8	8	8	8	10
11	9	8	8	***	7	9	10	10	10	***	9	9	8	8	7	7	8	7	6	6	6	5	4	5	8
12	5	5	4	4	4	4	***	***	***	***	***	5	4	5	***	5	***	7	5	3	2	3	3	3	4
13	3	3	3	3	4	6	***	***	6	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3
14	2	2	***	2	2	2	2	2	***	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2
15	3	2	3	3	4	4	4	5	5	5	5	5	4	4	4	4	6	5	4	4	3	3	2	2	4
16	2	2	***	***	***	***	***	4	***	***	4	4	4	4	4	5	5	5	4	4	5	5	5	6	4
17	5	5	7	7	7	***	***	***	***	***	***	***	9	8	8	7	7	8	8	8	8	5	5	4	7
18	6	6	7	10	12	13	14	14	14	***	11	17	19	19	18	16	***	15	13	10	10	9	9	8	12
19	8	9	10	10	11	10	11	10	***	***	9	8	8	7	7	7	7	7	6	6	5	4	3	3	8
20	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	2	***	3	4	4	5	6	7	7	7	6	7	7	6	6	6	7	9	7	6	4	4	4	4	6
23	4	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	6	7	7	7	7	7	9	9	8	5	5	4	5	***
25	4	3	3	4	5	5	5	6	7	8	8	7	7	8	6	5	6	7	7	7	***	***	***	***	6
26	***	***	***	***	***	***	***	***	***	***	***	6	7	8	7	7	7	7	6	***	***	***	***	***	***
27	4	5	6	6	5	4	5	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	6	6	7	7	8	8	9	9	10	10	9	9	8	8	8	8	8	9	8	7	7	6	6	6	8
PERCENTAGE OF DATA VALID -	68																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	5	4	4	4	5	***	4	***	4	4	4	4	***
2	4	3	4	4	3	4	4	***	5	6	6	6	5	***	5	6	6	5	4	4	4	4	4	4	5
3	4	4	3	3	3	3	4	4	4	4	***	***	3	3	3	3	3	3	4	4	4	4	4	4	4
4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	2
6	4	3	5	5	5	***	***	***	***	***	***	4	5	5	5	5	***	3	3	3	3	3	3	3	4
7	3	4	4	4	4	4	4	***	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6	5
8	7	8	9	10	11	11	11	***	***	12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	8	9	9	8	7	9	8	8	7	7	8	8	8	7	7	7	7	8
10	7	7	6	6	6	6	6	6	6	6	7	8	7	7	7	6	6	5	5	5	5	5	5	5	6
11	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	6
12	***	***	***	***	***	6	6	6	6	6	6	6	6	6	5	6	6	6	5	5	6	6	5	5	6
13	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4	4	4	5
14	5	5	5	5	5	5	4	4	4	4	***	***	5	5	5	5	4	4	4	4	4	4	4	4	5
15	4	4	4	4	4	6	8	8	9	10	9	9	9	9	8	7	7	7	7	6	6	6	6	6	7
16	6	6	6	6	6	6	6	7	7	7	7	8	8	8	7	6	6	6	6	6	6	6	6	6	6
17	6	6	6	6	6	6	7	7	7	7	7	8	9	9	9	9	9	9	9	9	10	8	8	8	8
18	8	8	8	8	8	8	8	***	***	8	7	***	***	***	7	7	6	6	***	***	***	***	***	***	***
19	***	***	***	***	***	***	***	6	***	***	***	5	5	4	4	4	4	3	3	3	4	4	3	3	***
20	4	5	5	5	5	5	6	6	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	5
21	4	4	4	5	5	5	5	5	6	5	5	4	3	3	3	3	3	3	4	4	5	5	5	5	4
22	3	3	3	3	4	4	5	5	6	5	4	4	3	3	3	3	4	3	3	3	3	4	4	4	4
23	5	5	5	5	5	5	5	6	5	5	5	5	4	4	4	5	5	4	4	4	4	4	3	4	5
24	5	5	5	5	4	4	4	4	5	5	4	4	4	4	4	3	3	3	2	2	3	3	3	3	4
25	4	4	4	4	4	4	4	4	4	4	4	4	2	2	3	3	4	4	4	4	4	4	5	5	4
26	5	6	5	5	5	6	7	7	6	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5
27	5	5	5	5	4	5	5	5	5	5	***	***	5	4	4	5	5	4	4	4	4	4	4	4	5
28	4	5	4	4	4	4	3	4	5	5	5	5	5	4	4	4	5	5	5	4	4	4	4	4	4
29	5	5	5	5	5	6	7	6	***	***	10	8	***	5	4	4	5	5	6	5	6	6	7	7	6
30	8	10	7	5	5	7	7	8	6	6	***	5	7	4	4	4	4	3	3	2	3	3	3	3	5
31	3	4	4	4	4	4	5	4	3	3	3	2	2	2	2	1	2	2	3	2	3	4	4	3	3
MEAN	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	4	4	4	5	5	5	5	5
PERCENTAGE OF DATA VALID -	88																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	3	2	2	1	2	2	2	1	2	2	3	3	3	3	3	3	3	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3	2
3	2	2	3	2	3	3	5	7	5	5	0000	2	2	3	3	2	3	3	2	2	4	6	6	4	3
4	3	4	5	7	9	12	11	15	13	7	4	2	2	2	2	3	3	2	3	3	5	11	16	20	7
5	18	16	37	32	18	13	17	22	16	10	4	3	2	3	4	4	2	2	1	2	2	4	2	2	10
6	4	4	4	5	5	6	10	0000	12	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
7	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	2	2	2	1	1	1	2	2	2	3	3	2	0000
8	3	3	2	2	3	2	3	2	2	4	3	3	2	2	1	2	2	2	3	3	3	4	4	3	3
9	5	5	5	3	3	4	5	12	9	9	7	6	5	5	4	4	3	4	3	3	3	4	3	4	5
10	4	4	4	4	5	7	9	9	0000	9	8	8	6	6	4	3	3	3	3	3	2	2	2	3	5
11	3	3	3	4	5	5	6	5	5	4	4	3	3	2	2	2	3	3	2	2	2	3	3	3	3
12	2	2	2	2	4	4	4	4	0000	6	6	3	4	4	2	2	3	3	1	1	0	1	1	2	3
13	2	1	3	5	5	4	3	4	5	0000	3	5	3	3	3	3	3	3	3	3	0000	0000	0000	0000	0000
14	4	5	5	5	6	6	9	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
15	1	2	2	2	2	3	5	7	6	4	2	2	2	2	2	1	2	2	1	1	2	2	2	2	3
16	4	4	4	4	7	8	8	9	10	0000	3	2	3	3	3	2	2	2	2	2	4	6	7	7	4
17	2	2	2	2	3	5	6	2	10	0000	3	2	3	3	3	2	2	2	1	1	3	4	3	4	3
18	6	4	5	4	4	12	14	18	12	4	4	4	3	3	3	2	2	1	1	2	4	3	3	4	3
19	6	4	5	4	4	12	14	18	12	4	4	4	3	3	3	2	2	2	2	2	4	3	3	4	3
20	1	1	1	1	2	2	3	6	4	3	3	2	2	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
21																									
22																									
23																									
24	3	3	3	3	4	3	3	3	2	3	2	3	7	6	4	3	2	1	2	2	3	2	2	1	2
25	1	2	1	1	2	5	4	5	6	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	4	6	5	4	6	0000
26	6	8	11	8	6	7	15	12	7	4	0000	3	2	2	1	2	1	2	2	3	3	2	2	2	5
27	2	1	2	1	1	7	8	4	3	3	0000	3	2	2	2	2	3	3	3	3	0000	0000	3	3	3
28	3	3	3	3	3	4	4	4	5	5	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3
29	3	4	3	3	4	3	3	3	4	2	3	3	3	3	2	3	3	2	2	2	3	3	2	3	3
30	3	2	3	3	4	4	7	13	0000	0000	0000	8	7	8	8	10	6	5	5	5	5	4	5	5	6
MEAN	4	4	5	4	4	5	7	8	6	5	4	4	3	3	3	3	2	2	2	3	3	3	3	4	4

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	4	5	7	6	5	5	6	5	4	5	6	5	7	6	5	6	5	5	4	5
2	3	3	3	3	4	8	10	13	10	8	9	8	0000	3	4	4	4	3	3	4	3	4	4	5	5
3	4	4	5	6	5	8	14	17	11	7	6	5	4	3	3	4	3	2	5	6	9	8	7	6	6
4	7	7	5	4	5	5	5	6	6	5	4	5	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
5																									
6																									
7																									
8	4	5	4	4	5	7	18	31	32	20	10	10	6	5	4	4	3	3	4	6	5	6	3	8	8
9	3	3	3	3	4	7	10	17	15	12	11	10	8	6	3	4	3	3	4	4	5	7	17	24	8
10	16	9	15	18	12	10	16	22	20	0000	0000	9	7	7	5	6	4	3	4	6	9	14	16	17	11
11	15	17	13	13	8	11	15	20	14	9	8	4	3	0000	3	3	2	3	3	4	6	6	5	4	8
12	3	2	3	3	3	4	5	4	5	4	7	11	10	8	5	5	4	4	4	4	3	3	4	4	5
13	5	6	4	5	5	6	5	5	6	6	5	5	6	6	6	6	6	6	6	7	7	8	8	8	6
14	9	10	10	9	10	11	12	10	11	10	11	12	11	11	11	12	14	14	12	12	12	10	9	10	11
15	10	0000	0000	0000	0000	6	7	0000	6	6	6	6	5	5	6	6	6	5	7	6	4	0000	0000	0000	0000
16	0000	0000	0000	9	16	20	24	44	38	0000	0000	0000	0000	3	3	3	3	3	5	8	6	4	3	3	11
17	4	5	3	4	6	6	7	7	9	9	4	3	3	3	3	3	3	3	3	2	2	2	4	3	4
18	2	2	2	2	3	2	4	6	6	0000	3	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
19	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
20	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
21	8	19	22	18	17	20	32	43	20	13	8	5	5	4	3	3	2	3	5	4	5	5	6	5	11
22	5	4	4	4	3	4	5	7	5	4	5	4	3	3	2	3	2	2	2	2	4	4	3	4	4
23	4	5	6	7	9	12	18	23	16	5	5	5	5	8	5	6	6	7	6	6	5	5	5	6	8
24	5	6	7	6	7	9	14	20	18	7	4	1	1	0	1	0	0	0	1	1	2	1	1	1	5
25	1	0	2	2	1	2	4	4	4	2	1	0	1	0	0	1	0	0	1	1	1	0	1	1	1
26	1	1	1	2	3	4	6	7	7	5	2	1	1	1	1	1	1	0	1	2	1	1	1	1	2
27	2	2	2	2	2	3	3	3	1	1	1	0	0	1	0	1	1	2	4	4	3	4	6	5	2
28	3	2	3	3	3	4	6	5	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
29	1	1	2	1	0	0	1	3	3	1	1	0	2	1	0	0	0	0	0	0	0	1	0	0	1
30	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	1
31	0	0	0	1	1	1	1	0	1	0000	1	1	1	2	0	1	0	0	0	1	1	0	0	0	1
MEAN	5	5	5	5	5	7	9	13	11	7	5	5	4	4	3	3	3	3	4	4	4	4	5	5	5

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	2	6	9	12	16	22	4
2	19	18	13	11	10	9	7	5	4	1	0	0	0	0	0	0	2	2	4	4	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4	4	0	0	0	0	1
4	0	0	0	0	0	0	0	1	2	2	2	1	2	2	1	2	3	3	1	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	2	1	1	2	2	2	1	2	3	2	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	1	2	1	1	1	1	0	1	1	1	0	2	4	2	1	1	3	1
7	2	3	5	4	1	1	3	4	7	6	4	1	2	1	1	1	0	0	4	6	4	6	8	15	4
8	10	6	5	3	2	3	2	3	3	4	5	7	4	4	2	2	3	7	12	10	5	3	4	5	25
9	55	64	59	51	46	50	58	64	51	28	16	7	4	2	2	1	3	7	12	10	5	3	4	5	25
10	6	5	3	2	3	2	3	3	3	4	5	7	4	4	2	2	3	7	12	10	5	3	4	5	25
11	5	5	5	3	4	4	3	4	3	2	2	2	2	2	3	4	4	5	5	5	5	5	4	3	4
12	3	2	1	2	2	2	3	3	4	4	3	2	2	3	3	4	4	4	5	3	2	3	5	8	3
13	4	5	4	4	4	4	4	6	6	4	4	1	1	1	0	0	0	0	0	1	1	1	1	1	3
14	1	0	0	0	0	1	1	2	3	3	1	0	0	0	1	0	1	0	1	1	0	0	0	0	1
15	2	1	1	1	0	1	0	1	1	1	1	1	0	1	2	1	2	1	0	1	1	1	1	1	1
16	2	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	3	3	2	2	2	2	2	3	4	4	4	3	1	3	4	0	1	1	3	6	8	6	5	5	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	1	1	1	4	0	1	0	0	0	0	1	0	2	1	1	0	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	0	0	1	1	2	3	3	1	0	0	1	1	1	1	1	1	1	2	1	2	1	1
27	1	1	1	0	1	1	2	2	2	1	1	1	1	2	1	2	2	3	2	3	3	4	2	3	2
28	2	3	2	1	1	2	1	1	3	2	3	2	1	1	2	1	2	1	1	1	2	1	2	2	2
29	2	2	1	1	1	1	1	4	2	2	2	2	1	1	1	2	1	2	2	4	4	3	3	3	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	5	4	3	3	4	4	5	5	3	2	1	1	1	1	1	2	2	3	3	3	3	4	5	3

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	1	1	2	4	5	3	2	0	0	1	2	1	0	0	1	1	1	2	2	1
5	7	9	8	8	7	8	8	11	0	0	0	0	0	0	9	13	14	16	19	21	26	27	29	30	16
6	33	27	19	14	8	6	7	7	15	11	11	7	4	4	3	5	6	12	13	11	11	9	13	10	11
7	9	9	10	8	8	7	6	6	0	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	2	3	2	3	3	2	2	4	3	3	3	3	2	2	3	3	3	3	3	3	3	4	3	3
11	4	4	3	2	4	5	4	5	6	6	5	4	3	3	4	4	4	3	3	3	4	4	4	3	4
12	3	2	2	2	2	2	2	5	10	10	7	6	5	5	4	6	8	8	9	7	6	5	5	3	5
13	4	3	3	4	4	4	4	4	5	4	5	5	5	4	3	3	6	9	7	6	5	3	2	3	4
14	4	5	4	3	2	1	1	1	1	2	2	2	2	1	1	1	0	1	1	0	1	0	1	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	1	1	1	2	2	2	2	4	4	3	3	1	1	2	2	3	2	1	1	1	1	1	1	1
18	0	1	1	1	1	1	2	4	4	4	3	2	2	2	2	2	2	2	1	1	1	1	1	0	2
19	0	0	0	0	0	0	1	1	1	0	1	3	3	3	2	2	2	2	1	0	0	1	4	4	1
20	3	2	2	2	1	1	2	1	0	0	3	2	2	2	1	1	2	2	1	0	0	0	0	1	1
21	2	2	4	5	6	4	1	1	1	0	1	0	1	1	1	2	3	2	2	2	1	1	2	2	2
22	2	2	2	4	3	1	2	1	1	1	1	1	2	1	1	0	0	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	4	2	3	5	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	2	1	2	2	2	3	3	2	2	2	1	2	1	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	3	2	1	0	0	0	1	2	2	1	1	1	1	2	0	3	3	2	2	2	1	1	6	8	2
MEAN	3	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	3

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	28	3	7	22
APR	25	3	10	25
MAY	31	4	9	16
JUN	30	4	11	25
JUL	27	8	23	30
AUG	31	5	8	12
SEP	28	4	10	37
OCT	29	5	11	44
NOV	30	3	25	64
DEC	30	3	16	35
YEAR	289	4	25	64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	117	348	132	40	6	7	1	651
APR	100	303	112	30	4	10	5	564
MAY	167	298	123	81	27	11	0	707
JUN	110	268	140	96	11	19	3	647
JUL	13	106	123	159	47	40	23	511
AUG	1	123	433	97	4	0	0	658
SEP	42	333	135	38	12	11	3	574
OCT	129	137	196	76	22	34	11	605
NOV	335	154	80	16	4	5	15	609
DEC	323	158	72	35	10	6	8	612
YEAR	1337	2228	1546	668	147	143	69	6138

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.5	1.4	2.4	4.1	7.9	11.0	16.4	21.0	64	4.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	2	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1
2	1	0	1	1	1	1	2	1	7	6	3	3	3	2	2	2	3	3	2	3	3	2	1	2	2
3	2	4	2	1	2	4	4	7	7	9	8	8	8	6	6	5	5	6	9	7	6	5	3	2	5
4	3	2	1	1	2	2	3	4	5	3	***	***	2	2	2	1	2	3	3	3	3	4	2	2	3
5	3	2	2	2	2	2	5	6	4	4	4	3	2	3	3	3	2	2	3	5	4	3	4	5	3
6	5	3	3	3	4	3	1	2	3	3	3	3	2	1	1	2	3	2	2	2	2	2	3	2	3
7	2	2	2	2	2	3	3	5	5	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	2
8	2	1	1	1	1	1	2	4	8	9	3	3	5	7	7	4	12	11	8	7	8	7	5	1	5
9	0	1	1	1	1	0	1	3	***	***	***	3	3	2	3	3	6	7	6	7	9	6	6	6	4
10	5	4	3	1	1	1	2	5	8	9	8	7	9	6	7	7	8	7	9	6	5	3	3	3	5
11	2	2	2	1	1	1	1	3	4	3	4	4	3	3	2	2	2	4	5	6	6	6	14	8	4
12	10	7	3	2	1	2	3	2	3	2	2	2	2	2	2	2	2	3	4	8	4	5	2	2	3
13	2	2	2	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	3	4	3	5	2
14	1	2	1	1	1	2	1	3	4	2	3	3	4	3	2	2	4	4	4	2	2	1	1	2	2
15	2	1	1	1	1	1	1	2	2	2	3	3	4	3	3	3	5	5	5	3	2	4	4	3	3
16	6	6	3	1	2	3	1	2	4	4	4	7	5	5	10	7	9	6	4	8	7	4	4	5	5
17	3	2	2	1	1	2	2	4	4	5	4	4	4	4	4	2	3	7	7	5	4	4	2	1	3
18	2	2	2	2	2	1	3	7	10	10	7	8	8	7	3	5	6	11	12	11	11	8	8	7	6
19	9	7	3	8	7	7	7	7	4	6	10	4	2	3	3	2	6	7	11	8	7	4	4	8	6
20	8	6	7	5	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
21	1	1	1	2	2	2	3	8	14	9	3	6	11	12	10	8	6	5	5	2	1	1	1	1	5
22	2	1	1	1	1	1	1	3	3	2	2	2	2	2	3	3	4	4	4	3	3	3	2	1	3
23	3	3	3	4	4	5	5	8	7	7	5	4	4	4	3	3	4	4	3	2	2	2	2	2	4
24	2	2	1	2	2	2	2	4	8	9	6	5	4	4	5	5	5	4	5	5	4	4	4	4	4
25	4	3	3	3	4	3	6	10	8	10	8	6	5	5	5	5	5	6	5	5	7	6	3	5	5
26	4	5	3	3	4	4	4	5	6	6	5	6	8	7	7	5	5	6	5	4	5	4	5	5	5
27	4	2	2	1	2	1	2	1	1	1	2	2	2	2	2	2	3	2	3	3	2	2	3	3	2
28	3	2	2	2	2	2	4	6	11	11	6	5	5	7	6	6	6	4	4	4	5	8	6	6	5
29	5	2	1	1	1	1	2	2	3	2	3	4	3	2	3	2	4	2	3	2	3	3	3	3	2
30	3	2	3	3	2	2	3	6	5	5	4	4	4	4	4	4	5	6	3	3	3	2	2	1	3
31	1	2	1	1	1	1	1	2	2	3	3	3	2	1	1	2	2	1	2	2	1	1	1	2	2
MEAN	3	3	2	2	2	2	3	4	5	5	4	4	4	4	4	3	4	4	5	4	4	4	4	3	4

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	3	2	1	2	***	***	2	4	5	6	8	6	4	4	3	3	3
2	2	2	2	1	1	1	1	2	2	3	2	2	3	3	3	4	4	4	2	3	3	3	2	3	3
3	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
4	3	2	2	1	1	1	2	2	5	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	2	1	1	1	2	1	2	5	7	6	4	4	4	3	3	3	4	5	3	2	3	2	1	2	3
7	2	1	1	2	1	1	1	2	3	3	3	4	3	2	2	2	2	3	3	3	3	3	3	4	3
8	4	3	1	2	1	2	3	5	11	12	12	8	6	5	5	5	6	5	5	7	5	5	5	4	5
9	3	4	2	1	1	1	1	2	3	5	4	2	2	4	4	4	3	2	3	5	4	2	3	3	3
10	4	3	3	3	2	2	1	2	2	1	1	1	1	1	1	2	2	1	2	1	1	2	3	2	2
11	1	1	1	1	1	0	1	1	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	2
12	2	2	2	2	2	1	1	3	7	7	4	4	4	5	4	4	4	5	4	4	2	3	4	4	2
13	5	10	15	12	7	4	6	9	10	9	7	6	6	3	3	3	4	3	2	1	2	1	1	2	5
14	2	2	2	1	1	2	1	2	3	5	3	4	4	4	2	3	2	2	4	4	3	6	4	3	3
15	3	3	3	2	1	1	3	5	7	6	***	5	4	5	5	6	4	3	3	3	2	3	1	1	3
16	1	0	1	1	0	1	0	0	1	1	0	1	1	1	2	3	1	1	1	1	0	1	1	1	1
17	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
18	1	0	0	0	0	0	0	3	12	10	8	3	2	1	2	1	1	1	0	1	1	1	1	1	2
19	1	0	1	0	0	0	0	2	6	6	4	6	5	5	4	3	3	2	2	3	5	12	7	5	3
20	5	4	1	1	1	1	0	1	2	2	1	2	1	1	1	1	1	1	1	2	2	3	3	4	2
21	4	6	7	5	14	6	5	19	7	8	5	5	6	6	4	4	3	3	1	1	1	1	1	1	5
22	0	0	0	0	0	0	0	1	2	1	2	6	3	4	3	5	4	4	4	1	0	0	0	0	2
23	0	0	0	0	0	***	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	1	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
25	1	0	0	0	0	0	0	1	3	4	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1
26	1	1	1	1	0	0	1	2	5	3	2	1	0	1	0	1	1	0	1	2	4	2	1	1	1
27	1	1	0	1	0	0	0	1	2	1	***	2	3	4	2	3	6	6	5	4	4	4	4	2	2
28	2	0	1	1	0	1	0	2	2	2	2	2	2	1	1	1	2	4	3	2	2	2	3	4	2
MEAN	2	2	2	1	1	1	1	3	4	4	3	3	3	3	2	3	3	3	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	2	0	0	1	0	1	1	1	2	2	2	1	1	1	1	1	2	1	2	3	5	3	2
2	2	2	1	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2	1	2
3	1	1	0	0	0	0	0	0	0	0	1	2	2	5	7	12	7	1	0	1	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	6	6	7	9	7	10	7	3	5	3	3	6	2	4	6	4
5	11	10	3	0	0	1	2	3	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2
6	1	0	1	1	1	1	1	4	4	5	5	1	4	2	3	3	4	2	2	1	0	2	4	4	1
7	1	2	1	3	1	2	2	6	2	0	1	1	2	1	1	1	1	2	2	1	1	2	2	2	2
8	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2
9	1	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	4	3	9	7	6	8	3
10	9	3	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	2	2	2	1
11	1	1	1	3	3	3	5	10	8	6	5	7	4	5	4	5	4	6	6	8	4	3	2	3	4
12	3	3	2	2	1	2	2	2	2	3	3	4	3	3	3	2	3	2	2	2	1	2	2	2	2
13	1	2	2	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2	2	1	2
14	1	2	2	2	2	1	1	3	3	3	3	2	2	2	2	3	3	3	3	5	6	5	4	6	3
15	5	4	6	6	5	2	3	9	13	10	2	3	3	2	1	2	3	2	2	3	2	2	2	1	4
16	1	1	0	0	0	0	1	0	1	0	2	2	2	3	3	2	1	1	1	1	1	0	0	0	1
17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	2	1	1	1	1	0	0	0
19	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	3	6	4	1	1	1	1	1	1	1	1	0	1	0	1	0	0	1
21	0	0	0	0	1	0	0	2	2	2	2	1	1	1	1	0	1	0	0	1	2	3	4	3	1
22	0	0	0	0	1	0	0	2	2	1	0	0	0	0	1	0	0	0	1	1	1	1	2	0	1
23	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0
25	0	0	0	0	0	0	1	3	3	5	2	0	1	0	0	0	0	0	0	0	0	2	4	3	1
26	2	0	0	0	0	0	1	3	5	3	2	2	1	1	0	0	0	0	0	0	0	0	0	2	1
27	0	1	0	0	0	0	1	3	2	1	1	1	1	1	0	0	1	1	0	1	1	2	1	1	1
28	0	0	0	0	0	0	0	2	2	2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	1	0	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	1

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	2	2	1	2	1	1	1	2	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	0	0	0	0	0	2	1
3	3	0	0	1	2	5	10	17	12	5	3	3	3	2	2	2	1	0	2	4	3	3	2	4	
4	1	2	0	0	0	0	1	2	3	3	2	3	2	2	2	3	3	4	2	2	1	1	1	1	
5	2	3	2	1	1	1	1	2	3	3	1	1	2	2	2	2	3	3	4	2	1	1	1	1	
6	2	1	1	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	
7	1	1	1	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	0	1	0	0	1	3	2	3	3	2	1	1	1	1	2	2	1	0	0	1	1	0	1
9	1	0	0	0	0	0	1	2	2	2	1	1	2	1	1	1	1	0	1	0	1	1	0	1	1
10	0	1	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1	4	11	7	1
11	4	1	1	0	1	0	1	4	3	1	2	2	1	1	1	1	2	2	3	2	1	4	4	11	2
12	4	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0
13	1	0	0	0	0	1	2	5	4	2	2	1	0	1	0	0	0	1	0	1	3	1	2	3	1
14	1	1	5	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
16	1	1	0	1	1	2	5	5	4	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	1
17	4	2	1	1	1	1	3	7	8	4	1	0	1	0	0	0	0	0	0	0	0	0	3	3	2
18	3	0	0	0	0	1	1	1	1	1	1	2	1	1	1	4	4	1	1	0	1	1	1	1	1
19	0	1	1	1	1	1	2	3	3	3	2	1	3	1	1	1	1	1	1	2	4	5	5	6	2
20	8	8	5	20	31	20	21	13	6	3	3	1	1	1	2	2	2	1	1	1	1	2	2	7	7
21	10	23	19	20	11	6	6	7	4	2	1	1	1	1	1	0	1	1	0	0	0	1	1	0	5
22	0	0	0	0	0	0	1	3	4	3	1	1	2	3	5	7	3	4	3	1	1	1	1	1	2
23	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	2	1	1	1	1	0	1	1	1
25	1	1	0	0	1	5	8	8	15	11	3	3	2	1	1	0	1	1	0	0	0	0	0	1	3
26	0	0	0	0	0	0	2	4	4	3	1	1	2	1	1	1	3	2	2	2	9	10	11	10	3
27	2	3	4	14	17	15	8	5	1	2	2	1	1	1	0	1	0	1	0	0	0	0	2	6	4
28	13	22	17	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
29	0	0	1	1	0	1	4	5	5	3	3	2	0	1	1	1	1	0	0	1	0	0	0	0	1
30	0	0	0	2	0	2	7	10	2	0	1	3	1	2	0	1	1	1	0	0	1	0	0	0	1
MEAN	2	3	2	3	3	2	3	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	1	0	0	0	1	2	1	0
2	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
3	2	3	0	0	1	3	8	13	19	11	5	5	3	3	3	6	0	0	0	0	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	6	9	1
5	19	16	16	24	7	4	5	3	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	1	3	2	2	3	1	0	1	1	1	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	4	0
8	2	1	0	1	2	5	16	27	4	2	2	2	2	1	1	2	1	1	1	0	0	0	0	0	3
9	0	0	0	0	0	1	2	11	17	16	21	22	11	4	3	2	1	0	0	0	0	0	0	0	5
10	0	0	0	0	0	1	1	2	1	1	0	0	0	1	1	4	2	0	0	0	0	1	2	0	1
11	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0
12	1	0	0	0	0	0	0	0	1	1	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	1	1	1	1	1	1	1	1	1	1	1	3	3	2	0	0	0	0	0	1	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	2	7	3	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	4	12	25	15	8	2	2	1	2	3	7	6	6	1	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	4	0
21	0	1	0	0	0	1	1	0	2	0	2	5	3	2	1	2	0	1	1	4	9	7	6	9	3
22	1	0	0	0	3	7	10	23	10	5	2	0	1	1	1	1	1	1	0	1	0	0	0	0	3
23	1	0	0	0	0	0	0	5	7	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
27	0	0	0	0	0	0	4	5	1	4	4	2	0	3	2	1	1	2	0	1	4	2	1	1	2
28	0	0	0	0	0	1	4	6	10	6	2	1	1	1	0	1	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	9	12	14	16	15	9	7	2	1	3	2	2	0	0	0	1	3	1	4
30	0	0	0	0	0	1	4	6	2	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1
31	2	0	0	0	0	0	1	1	2	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1
MEAN	1	1	1	2	1	1	3	5	4	3	3	2	1	1	1	1	1	0	0	0	1	1	1	1	2

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3	8	1
2	17	12	6	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3	11	10	3
3	3	0	0	4	5	4	6	7	3	5	3	1	1	0	1	0	0	0	0	0	0	0	0	4	2
4	5	7	2	3	2	5	7	4	3	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
5	0	0	0	4	1	1	6	6	2	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	3	2	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	2	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	1	4	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	1	0	0
10	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	1	1	3	2	1	1	0	1	1	1	1	2	1	1	1	1	1	0	3	2	1
13	2	2	2	0	1	1	4	6	6	4	2	2	2	4	4	5	3	3	4	4	4	6	4	2	3
14	2	3	4	5	1	8	21	23	7	4	3	2	1	1	1	1	1	1	1	1	0	1	0	2	4
15	3	0	1	0	0	0	1	0	1	1	1	3	2	2	1	1	0	1	2	1	0	1	4	5	1
16	2	2	0	0	0	1	2	0	1	1	0	1	1	1	1	1	0	0	1	0	1	1	1	0	1
17	0	1	1	0	0	1	2	3	2	1	2	2	2	1	1	1	1	0	0	0	0	1	0	0	1
18	0	0	0	0	0	1	4	3	2	3	4	4	3	6	5	6	7	3	3	1	1	1	1	1	2
19	0	0	0	0	0	0	4	3	6	6	6	3	3	3	2	3	3	3	3	3	3	1	9	10	4
20	12	10	2	3	0	0	9	10	4	4	3	3	2	1	2	0	3	3	1	0	1	5	4	5	4
21	6	7	0	0	1	5	9	5	6	1	1	3	2	1	1	1	1	1	2	1	1	1	1	0	2
22	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	1	0
23	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	0	1	1	2	1	0
24	0	0	0	0	0	0	1	2	2	1	0	0	0	1	4	3	2	3	1	0	1	1	2	1	0
25	1	0	0	0	0	1	3	8	4	2	1	2	1	2	1	2	1	1	1	2	2	4	5	3	2
26	1	0	0	0	0	1	4	6	2	1	1	2	1	2	0	1	1	1	1	1	1	2	4	1	1
27	0	7	11	8	3	11	6	13	3	2	2	1	1	1	1	1	1	1	1	1	2	4	5	4	4
28	4	3	1	0	0	0	5	4	2	1	2	0	0	1	1	1	0	0	0	0	1	0	0	0	1
29	0	0	0	0	0	0	0	1	0	1	1	2	2	0	1	1	1	1	1	1	4	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0
MEAN	2	2	2	1	1	1	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	2	1	1	2	0	1	1	1	1	0	0	0	0	0	1	0	0	0	2	2	0	0	1
2	0	0	0	0	0	2	4	5	3	3	3	2	2	1	1	1	1	1	0	0	0	0	0	0	1
3	1	0	0	0	0	2	1	7	3	2	4	7	2	2	1	2	1	0	3	7	6	8	1	2	3
4	1	0	0	0	0	0	2	2	3	2	1	1	1	1	1	1	1	1	1	0	1	2	2	1	1
5	1	0	0	0	0	0	2	5	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	1
6	2	1	2	0	2	2	4	7	8	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
7	4	5	7	0	6	2	1	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
8	0	1	0	0	1	0	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	1	1	2	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1
11	0	0	0	0	1	0	2	3	1	1	1	1	0	1	1	1	1	0	1	0	0	2	2	1	1
12	0	0	0	0	0	1	3	4	2	0	0	0	1	0	1	1	0	0	1	1	1	4	5	2	1
13	4	3	9	5	5	3	1	1	3	2	1	0	1	1	1	1	0	0	1	1	1	1	0	1	2
14	0	1	0	0	1	0	1	1	0	1	0	0	1	1	0	1	1	1	1	1	2	2	3	2	1
15	3	2	3	3	3	3	4	5	4	4	4	5	4	4	5	4	4	4	4	4	4	4	4	4	4
16	4	3	3	4	4	5	6	7	7	4	3	4	3	2	1	2	0	0	1	0	2	1	1	1	3
17	1	4	2	1	0	2	6	7	9	3	4	4	3	2	3	2	1	0	0	0	0	0	1	1	2
18	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	0	1
19	1	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	1	0	0	1	1	0	1	1	1
20	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	1	1	0	0	0	0	0	1	1	0
21	0	1	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0	1	1	3	5	4	5	7	1
22	5	2	0	6	7	3	4	7	2	2	1	1	1	1	1	1	1	1	0	1	0	1	0	0	2
23	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1
24	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	3	0	0	0	1
25	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1
26	0	1	0	0	1	0	1	1	2	2	4	4	3	3	1	2	2	1	1	1	0	2	2	7	2
27	9	6	4	3	1	1	4	3	2	1	1	1	1	1	0	1	1	1	0	1	1	1	1	2	2
28	3	8	2	0	1	4	4	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2	0	1	1
29	0	0	0	0	1	0	1	1	2	1	2	2	1	1	2	2	1	1	0	4	4	3	8	8	2
30	9	0	0	0	0	0	4	7	2	6	3	1	1	1	2	1	1	2	1	0	2	3	2	0	2
31	0	1	0	0	0	0	3	4	2	1	1	1	1	1	1	1	1	1	1	3	4	5	6	2	2
MEAN	2	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	0	0	1	1	4	6	5	3	2	3	1	2	1	1	1	1	1	1	1	1	2	4	2
2	2	1	0	0	0	1	5	8	7	6	2	1	1	1	0	0	0	1	0	0	1	0	0	1	2
3	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	5	3	1	1	3	9	13	5	2	2	2	2	3	2	1	2	2	1	0	0	1	2	3	5	8
7	1	1	0	1	1	6	12	16	12	8	3	3	3	2	2	2	2	2	0	1	2	1	1	2	4
8	3	2	20	26	22	12	10	10	17	3	3	3	1	1	1	1	1	0	1	1	0	1	0	1	6
9	1	2	0	1	2	3	5	6	1	1	1	2	2	2	1	0	1	1	1	1	1	1	1	1	2
10	2	2	2	1	1	2	2	4	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
11	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	2	1
12	2	1	1	1	0	1	3	3	3	3	3	3	2	3	2	2	2	1	1	1	2	10	6	2	2
13	1	3	3	2	4	3	7	7	3	2	3	3	2	1	1	1	1	1	1	1	2	1	1	1	2
14	0	0	1	1	1	1	4	5	3	2	1	1	1	1	1	2	1	1	1	1	1	2	1	3	2
15	3	3	1	1	0	1	4	15	3	1	1	1	2	3	2	2	2	2	1	1	1	1	2	1	2
16	1	1	1	3	7	11	15	12	4	3	2	2	1	1	1	0	1	1	1	1	1	1	1	0	3
17	0	0	0	0	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
18	2	1	1	1	0	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	2	1	1	2	1
19	0	0	1	1	0	2	6	6	5	5	2	3	1	1	1	1	1	1	0	1	3	4	5	1	2
20	2	4	1	0	1	1	4	3	3	1	2	1	1	1	1	1	1	0	0	0	1	1	0	1	1
21	1	1	1	2	1	4	13	12	12	3	0	0	1	1	1	1	1	0	0	0	0	0	0	0	2
22	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0
23	0	0	0	1	0	1	2	1	2	2	1	1	2	1	1	0	1	1	2	2	3	2	1	0	1
24	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	1	1	2	2	3	1
25	3	2	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	1	3	5	13	17	4	2	1	1	1	0	0	1	0	0	0	0	0	0	0	1	2
27	0	0	0	0	0	0	3	2	1	0	1	1	1	0	2	2	1	0	0	1	0	0	1	2	1
28	2	1	0	0	0	2	6	7	3	2	1	1	1	0	1	1	1	0	1	2	4	2	5	4	2
29	2	1	0	0	0	1	7	11	5	1	1	1	1	1	1	1	1	0	0	0	0	0	1	5	2
30	5	7	3	1	1	0	3	6	4	3	1	1	1	1	1	1	2	0	0	0	1	0	1	0	2
31	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	2	3	1	1
MEAN	1	1	1	2	2	2	5	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	2	2	5	5	5	4	2	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	2
2	0	1	1	0	0	1	2	1	2	2	2	2	1	2	2	2	2	1	2	2	1	1	2	2	1
3	1	1	1	1	1	2	4	7	7	5	3	2	2	2	2	2	2	2	1	2	3	4	6	5	3
4	4	2	0	1	2	3	7	9	7	4	2	1	1	2	2	2	2	2	2	2	3	3	4	4	3
5	2	2	3	4	6	9	20	35	11	7	4	3	2	2	2	2	2	2	2	2	3	7	14	14	7
6	12	9	6	4	3	3	5	15	11	2	2	2	1	1	1	1	1	1	1	1	1	1	2	4	4
7	6	5	2	1	1	1	2	5	2	1	1	1	1	1	1	1	1	1	0	0	0	2	2	3	2
8	4	10	12	9	5	6	4	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	3
9	1	1	0	1	0	0	2	3	5	5	3	2	2	2	***	***	1	1	2	5	2	1	0	1	2
10	1	2	3	3	1	1	4	10	6	2	3	4	2	2	2	2	2	1	1	2	1	1	1	1	2
11	1	1	1	1	1	3	4	4	5	3	2	3	2	2	2	2	2	2	2	1	1	1	1	2	2
12	2	1	1	2	1	2	2	3	4	3	3	3	3	3	5	5	5	5	9	9	10	6	8	9	4
13	6	1	1	0	1	1	4	5	4	3	3	3	2	2	1	1	1	1	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	6	7	5	1	1
15	4	3	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	3	6	1
16	1	0	0	0	0	2	5	5	3	2	2	2	1	1	2	2	2	2	2	1	1	1	0	1	1
17	5	3	7	3	2	4	9	7	9	7	3	0	0	0	1	2	1	3	2	1	1	1	0	1	3
18	0	0	0	0	0	2	3	4	4	2	2	2	2	1	2	3	2	1	2	2	4	5	8	7	2
19	9	8	10	9	12	15	23	34	44	7	4	5	4	3	3	3	1	0	0	1	1	0	1	1	8
20	0	1	1	0	0	1	3	4	3	2	2	1	1	1	***	3	2	1	2	3	3	2	2	1	2
21	1	2	1	0	1	1	2	6	4	4	3	4	3	2	1	1	1	1	2	4	3	3	3	2	2
22	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	2	1	2	3	5	1
23	5	3	2	3	4	5	8	13	8	11	5	5	4	4	3	2	3	2	3	4	6	9	10	18	6
24	23	34	28	25	18	14	28	26	***	6	5	2	2	1	2	1	1	1	1	0	0	2	1	0	10
25	1	0	***	0	0	0	1	3	2	3	7	3	1	1	2	1	1	1	2	2	2	3	3	3	2
26	4	5	2	4	4	5	9	31	19	6	4	3	3	3	2	2	1	1	0	1	2	2	1	0	5
27	1	0	0	0	1	1	5	6	4	3	3	1	1	2	2	1	1	1	4	1	0	0	0	0	2
28	0	0	1	1	0	1	0	1	1	3	3	3	3	3	2	3	3	5	5	3	5	2	2	1	2
29	1	***	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	***	0	0	0	0	0
30	0	***	0	0	0	1	4	6	3	1	1	0	0	1	1	1	2	1	1	1	0	2	3	3	1
MEAN	3	3	3	3	2	3	6	8	6	3	3	2	2	2	2	2	2	1	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	0	1	5	7	6	3	6	4	***	***	***	***	***	***	***	2	2	5	3	1	3
2	0	1	1	0	1	0	2	2	2	2	1	2	0	1	2	3	1	1	1	1	2	2	2	2	1
3	1	0	***	0	0	0	4	8	5	3	0	1	1	0	1	2	2	2	2	3	11	21	22	4	
4	23	22	23	10	6	8	10	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5																									
6																									
7																									
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11																									
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14																									
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16																									
17																									
18																									
19																									
20																									
21	0	0	***	1	2	5	12	11	5	***	***	1	0	1	2	3	2	2	3	2	2	1	2	0	3
22	0	0	1	1	0	1	4	7	6	4	4	3	2	2	2	3	2	2	2	2	0	2	3	4	2
23	5	3	1	1	0	0	2	6	16	5	4	2	3	4	4	5	7	3	5	4	2	1	0	2	3
24	3	3	2	2	2	3	6	9	3	2	2	0	0	0	0	0	4	3	3	5	7	1	3	1	4
25	0	1	0	0	0	1	4	4	3	2	0	0	0	0	0	0	1	1	1	1	1	1	2	3	3
26	2	2	2	4	6	5	6	9	8	4	3	3	1	0	0	0	1	2	2	6	6	1	2	3	3
27	4	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	2	1	1
28	1	1	1	1	2	3	6	7	11	14	7	4	5	7	10	8	10	7	5	5	9	13	18	31	8
29	22	29	50	45	35	31	20	17	29	36	13	14	6	7	9	12	21	24	9	10	13	13	8	6	20
30	4	3	5	6	5	3	5	9	6	5	8	11	7	6	9	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	7	7	6	4	4	6	7	2	***
MEAN	5	5	7	5	4	4	6	8	8	7	4	4	2	3	4	5	5	4	3	3	3	4	6	6	5

PERCENTAGE OF DATA VALID - 41

UNITS - 0.01 PARTS/MILLION

MONTH NOV 74

13 14 15

PERCENTAGE OF DATA VALID - 98

UNITS - 0.01 PARTS/MILLION

MONTH DEC 74

13 14 15

PERCENTAGE OF DATA VALID - 79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	6	14
FEB	28	2	5	19
MAR	31	1	4	13
APR	30	2	7	31
MAY	31	2	5	27
JUN	30	2	4	23
JUL	31	1	4	11
AUG	31	2	6	26
SEP	30	3	10	44
OCT	15	5	20	50
NOV	30	4	15	40
DEC	26	4	7	22
YEAR	344	2	20	50

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	130	313	197	87	11	2	0	740
FEB	272	228	118	19	6	3	0	646
MAR	457	192	48	18	3	0	0	718
APR	462	144	44	18	8	10	4	690
MAY	483	65	32	7	6	11	6	620
JUN	474	105	66	18	6	1	2	672
JUL	516	122	68	22	1	0	0	729
AUG	521	140	40	14	11	6	2	734
SEP	317	236	96	36	7	9	11	712
OCT	98	88	58	33	10	6	16	309
NOV	246	227	141	45	24	17	11	711
DEC	194	164	144	61	17	12	2	594
YEAR	4170	2024	1052	388	110	77	54	7875

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.2	0.6	0.9	2.1	5.3	7.8	11.9	16.1	50	2.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	11	10	6	4	4	5	9	23	22	18	16	20	15	14	14	16	18	21	22	17	15	15	14	14	14

PERCENTAGE OF DATA VALID - 22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	8	6	7	17	39	34	32	30	33	27	33	33	50	55	54	51	47	51	43	41	10	30
2	6	2	12	8	6	1	0	1	1	1	1	2	2	2	5	7	9	32	35	13	9	2	1	1	7
3	1	2	1	1	1	1	1	1	2	2	2	2	3	5	12	12	4	4	3	2	2	2	2	2	3
4	3	3	3	2	2	1	5	15	16	38	46	62	54	46	29	27	44	18	22	21	18	22	38	23	
5	41	19	5	5	3	6	20	24	30	12	3	7	11	10	14	10	9	5	5	4	3	1	2	1	10
6	1	2	1	1	1	1	1	2	6	7	4	3	3	3	3	2	3	3	4	4	3	4	5	6	3
7	4	1	4	3	3	3	5	31	44	36	23	19	20	24	24	32	44	42	41	35	35	41	38	27	24
8	15	11	6	4	5	5	22	41	50	19	3	2	1	1	5	25	40	30	28	30	10	8	1	2	15
9	2	2	1	2	1	1	2	2	3	2	2	3	3	11	11	30	39	29	4	34	18	5	7	17	10
10	15	11	8	5	3	2	3	2	2	5	6	8	12	17	18	18	26	25	24	23	27	29	28	20	14
11	15	3	10	10	8	2	18	39	51	5	0	3	10	16	3	5	5	1	53	33	29	23	15	12	17
12	10	4	2	0	0	3	15	43	41	31	23	25	22	24	23	25	32	30	22	14	7	9	6	5	17
13	4	1	0	0	0	0	9	24	25	13	11	13	13	14	16	19	30	25	19	14	10	8	6	7	12
14	5	2	1	0	0	2	10	34	37	30	23	25	24	25	28	31	45	45	40	45	43	35	46	50	27
15	35	17	10	6	2	15	70	79	29	50	50	3	2	0	0	0	0	1	0	0	0	0	0	0	17
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	22	14	11	3	7	9	42	76	38	3	1	1	1	1	1	2	2	1	1	1	1	30	30	12	
21	27	11	6	5	5	7	25	44	32	22	23	23	21	26	25	37	52	51	31	36	22	1	2	1	22
22	0	0	0	0	0	0	0	0	12	11	11	4	6	17	5	14	14	4	2	2	1	1	1	2	5
23	1	1	1	1	1	1	1	2	2	20	45	41	28	37	26	30	42	39	36	30	24	17	14	15	19
24	15	11	6	5	2	1	4	6	6	12	18	15	1	1	2	1	12	13	15	13	11	4	1	1	7
25	0	0	0	1	3	3	5	44	10	5	3	1	0	1	0	0	0	0	0	1	0	1	4	6	4
26	2	4	2	1	0	0	1	5	3	2	2	2	1	0	26	28	34	38	40	34	37	32	23	24	16
27	29	1	0	1	4	1	1	40	42	23	19	12	28	26	28	31	53	49	48	53	41	5	7	48	25
28	47	6	7	6	5	3	25	63	64	43	26	31	1	1	1	1	1	1	1	1	1	1	1	1	15
29	8	13	3	3	5	8	35	51	15	1	2	3	4	2	2	1	2	2	2	2	1	1	1	1	7
30	1	2	2	2	1	1	1	2	2	2	2	2	2	2	3	4	3	4	2	1	2	3	2	1	2
31	6	9	2	4	6	5	11	26	25	11	41	37	42	46	52	49	54	45	36	43	42	23	22	34	28
MEAN	12	6	4	3	3	3	11	27	25	15	16	15	13	16	15	19	25	24	22	21	17	12	14	15	15

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	6	2	2	1	3	45	75	78	35	39	22	6	***	10	24	6	***	***	8	0	5	***	3	20
2	12	***	***	***	***	***	***	0	3	16	27	24	0	1	15	13	26	22	1	4	0	***	0	***	10
3	12	46	21	30	48	53	85	120	52	18	0	***	***	13	0	6	2	2	1	2	2	38	64	47	30
4	38	2	2	1	1	1	1	2	2	3	3	3	2	2	1	1	7	2	1	26	25	1	0	1	5
5	7	0	0	3	0	0	0	1	2	1	1	30	29	38	36	25	73	69	67	64	57	40	31	32	25
6	32	22	8	4	3	3	16	29	42	54	57	59	61	58	58	59	57	65	77	88	79	41	15	3	41
7	2	1	0	0	0	0	0	0	18	40	39	57	69	67	69	61	56	46	57	56	59	49	36	33	33
8	9	5	4	2	2	7	43	80	80	66	49	34	14	0	***	***	***	***	***	***	***	***	***	***	***
9	33	29	7	10	4	8	55	84	77	65	65	61	***	***	66	75	78	3	9	85	58	78	73	67	50
10	***	***	***	***	***	***	***	***	***	***	***	***	56	61	***	71	78	74	83	88	86	77	62	62	***
11	48	38	1	0	25	47	73	74	76	62	62	45	22	8	2	2	5	5	32	45	31	52	64	79	37
12	67	58	25	20	1	***	0	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1	8
13	1	1	1	1	1	15	32	30	19	29	15	7	6	5	3	3	6	5	5	25	61	66	72	17	17
14	70	64	49	34	1	2	1	0	1	2	2	2	16	6	19	10	65	78	70	68	69	60	61	60	45
15	0	0	***	***	0	0	0	21	49	53	56	55	49	52	49	61	75	78	70	68	69	60	61	60	45
16	56	49	29	***	***	***	***	***	***	***	***	***	***	***	***	66	73	79	73	81	42	17	11	15	***
17	6	11	2	0	0	9	15	35	33	7	3	1	2	19	20	11	18	59	19	13	22	32	41	33	17
18	32	16	27	8	8	37	73	87	75	67	61	63	62	62	69	73	79	81	71	67	56	58	55	54	56
19	45	30	23	10	9	24	57	81	83	68	66	70	70	67	70	75	56	29	30	45	53	58	59	65	52
20	77	106	92	76	72	67	71	51	28	19	6	1	0	***	***	***	***	***	***	***	2	22	6	***	44
21	86	74	67	64	38	51	60	36	18	22	7	0	***	***	***	***	***	***	0	***	***	***	***	***	***
22	***	***	***	***	***	***	***	1	11	9	7	14	20	18	17	40	45	41	42	45	40	31	23	49	27
23	34	0	0	1	2	1	1	3	5	3	34	40	38	57	61	70	68	66	67	59	51	40	40	36	32
24	26	4	4	3	3	6	35	67	69	58	54	53	58	60	64	74	82	75	73	72	68	61	62	59	50
25	52	52	32	24	29	53	73	103	63	26	15	1	***	27	38	62	83	92	71	69	65	74	75	69	54
26	64	60	49	36	29	39	74	97	93	65	42	38	3	1	1	10	19	80	88	98	79	106	92	82	56
27	84	74	69	67	66	69	77	20	2	1	10	6	1	1	0	0	0	0	0	1	13	36	65	67	30
28	68	63	65	59	49	19	3	1	1	0	2	1	1	1	1	2	3	10	4	5	7	5	4	4	16
29	4	3	2	2	2	6	19	41	40	34	***	23	19	10	62	77	83	65	66	59	60	58	61	57	37
30	53	46	40	16	36	65	59	99	28	15	2	3	1	2	***	28	39	38	28	30	9	36	46	38	33
MEAN	37	32	24	19	17	23	36	44	37	30	27	25	24	26	30	38	42	42	39	44	38	43	42	42	33

PERCENTAGE OF DATA VALID - 88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	17	8	8	18	58	73	68	60	58	52	50	52	***	58	64	67	66	60	68	68	65	62	51	51
2	40	30	37	31	17	0	0	0	0	1	0	0	0	1	2	3	1	3	2	0	0	0	0	26	8
3	28	15	1	0	1	48	109	104	92	46	***	47	37	29	47	71	68	61	69	53	57	55	53	43	49
4	43	25	2	4	16	33	50	53	57	59	60	58	55	59	62	66	67	68	72	18	2	20	39	66	44
5	03	84	72	65	69	69	36	0	0	0	0	***	5	0	1	2	3	21	***	***	1	1	0	0	25
6	1	0	***	1	4	6	2	0	1	59	62	59	68	72	71	66	55	47	45	42	49	26	10	3	33
7	1	4	37	68	71	74	57	53	56	54	***	62	***	***	69	65	65	57	54	56	52	56	54	53	53
8	47	10	30	20	22	13	2	22	20	71	104	83	110	45	12	3	***	***	***	***	***	***	***	***	38
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	5	26	45	0
11	***	***	***	***	11	39	45	***	***	***	***	0	***	0	0	1	***	0	0	0	***	14	1	1	***
12	1	2	2	2	2	4	26	22	17	3	4	5	5	7	6	5	3	2	3	8	7	3	1	13	6
13	4	2	1	1	2	29	52	58	28	27	50	36	36	28	40	47	43	42	35	33	1	0	0	1	25
14	1	0	0	0	1	17	2	0	1	1	1	2	2	2	2	1	2	3	45	29	19	7	3	1	6
15	1	0	0	1	1	1	1	2	3	21	28	3	2	2	6	19	31	49	49	50	51	50	50	46	19
16	42	17	1	14	0	34	20	4	2	11	14	18	2	36	66	71	34	24	0	2	12	19	24	16	20
17	5	1	4	8	14	41	81	80	81	69	56	57	56	55	61	62	62	63	69	76	63	69	64	57	52
18	54	45	24	8	9	41	55	56	46	1	1	1	1	4	3	45	51	37	48	48	44	37	42	47	31
19	34	22	5	2	2	7	12	19	15	1	1	1	1	1	0	0	1	1	0	2	3	45	70	60	13
20	28	0	1	19	13	29	36	2	***	0	0	0	0	0	0	0	0	0	5	15	42	38	28	60	14
21	53	45	18	3	34	47	48	62	36	4	1	1	30	32	2	1	1	1	1	4	9	46	61	64	25
22	48	7	6	33	53	52	52	52	24	9	17	6	3	4	6	19	46	9	4	22	42	51	37	25	25
23	25	1	3	1	36	55	45	31	5	2	2	2	11	12	17	29	19	5	18	16	4	29	37	18	18
24	43	1	2	0	0	2	11	69	60	44	37	***	55	54	56	34	50	57	62	57	42	45	51	39	39
25	37	25	3	0	2	28	29	50	58	56	57	57	56	53	44	37	38	31	50	35	34	48	46	37	37
26	39	16	3	3	1	3	9	13	28	36	39	44	51	55	45	48	52	52	55	65	57	61	60	41	37
27	17	4	4	9	14	58	86	85	63	48	37	47	3	3	4	34	66	66	31	65	65	59	57	39	39
28	47	31	16	12	9	52	86	85	69	12	11	3	***	2	2	1	1	1	1	2	2	2	2	2	20
29	2	2	2	11	26	53	83	98	65	78	57	54	28	18	17	8	3	7	1	32	70	65	64	26	36
30	59	27	13	6	6	42	78	73	69	61	54	4	3	2	1	1	1	0	2	1	2	1	70	58	26
31	2	1	1	1	2	1	1	2	1	2	3	3	3	3	3	3	23	62	61	52	43	49	58	58	18
MEAN	30	16	11	12	16	32	41	41	35	30	29	26	26	22	25	27	29	31	31	29	30	33	38	35	28

PERCENTAGE OF DATA VALID - 90

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	52	32	10	6	22	53	64	67	57	63	58	58	53	52	53	56	56	55	58	65	59	29	35	52	49
2	46	65	44	13	6	3	11	20	31	21	13	17	1	1	1	1	1	2	1	31	56	69	54	22	
3	46	31	21	11	23	19	18	15	43	52	50	22	2	1	2	2	1	1	2	1	1	1	1	40	17
4	49	27	12	1	23	53	62	30	34	6	2	0	1	1	0	1	1	1	0	1	2	5	2	7	13
5	31	51	38	45	53	63	56	21	9	6	3	2	1	1	1	1	1	1	2	2	0	52	62	60	23
6	45	19	1	24	40	10	3	7	3	2	2	2	1	1	1	4	2	1	5	25	4	1	0	1	9
7	0	7	1	1	1	1	0	2	2	2	2	1	2	2	1	1	2	5	1	1	5	46	18	3	5
8	0	1	1	1	1	1	0	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	3	4	2
9	14	52	37	37	8	2	2	3	3	2	3	2	2	3	2	2	1	2	1	2	2	4	2	1	8
10	1	1	1	1	2	2	4	6	4	2	2	2	3	2	2	2	2	2	1	2	0	1	1	1	2
11	0	1	1	1	1	2	6	2	2	1	20	18	32	51	54	53	50	66	66	18	1	3	20	63	22
12	30	1	1	13	7	67	55	4	32	32	28	42	43	48	53	53	48	21	27	11	1	2	4	5	26
13	10	1	0	5	13	6	7	2	2	2	1	2	2	3	3	3	5	4	4	4	6	17	8	8	5
14	5	3	3	2	9	11	21	48	52	18	11	1	1	1	2	19	44	30	2	2	1	20	33	5	15
15	20	42	2	2	2	2	2	3	4	3	4	3	4	4	3	3	4	44	4	3	4	2	3	26	8
16	21	6	2	2	2	2	2	2	12	2	3	2	3	3	3	3	3	2	2	1	2	1	3	2	4
17	2	1	1	1	2	3	3	12	3	7	2	2	2	2	1	1	1	1	1	1	2	5	2	1	2
18	1	1	2	1	2	2	7	4	4	3	3	4	3	5	4	4	2	6	5	8	4	3	2	1	3
19	2	2	2	2	2	2	3	4	4	3	3	4	4	4	3	3	3	5	7	12	20	35	66	68	11
20	49	47	14	19	18	36	30	48	48	23	6	3	3	3	2	2	13	6	1	1	6	25	29	9	18
21	6	5	4	22	30	32	83	25	3	5	39	5	22	14	35	2	5	23	56	61	52	42	30	29	26
22	30	20	5	5	7	18	31	45	49	54	50	56	51	43	34	30	32	34	35	45	39	46	42	32	35
23	19	6	3	2	2	4	6	6	15	26	39	43	47	47	43	34	31	35	34	45	49	52	47	26	28
24	10	2	3	3	8	47	72	68	56	55	51	52	52	57	57	1	5	53	56	65	54	50	47	31	39
25	9	4	3	3	7	52	78	69	61	55	53	31	5	15	7	1	2	39	58	57	60	56	46	34	9
26	23	6	3	3	10	50	82	82	66	55	25	1	2	2	2	1	2	1	0	1	5	6	6	18	19
27	53	56	56	55	64	87	68	3	2	3	1	1	1	1	1	1	1	1	1	1	46	59	62	58	28
28	48	29	15	14	33	61	75	38	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29																									
30																									
MEAN	23	19	10	11	14	25	30	23	22	19	18	14	13	14	12	11	12	15	15	16	17	23	24	24	18
	- DATA MISSING -																								
	- DATA MISSING -																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	17	3	3	0	0	0	2	3	18	40	29	28	31	25	25	11	20	24	1	2	0	1	0	13	
9	1	1	2	0	13	32	33	45	26	12	14	13	9	10	13	25	19	6	2	24	32	23	30	25	17
10	6	4	3	3	6	32	59	56	51	49	48	48	49	50	53	53	52	47	47	46	39	42	25	12	37
11	9	5	4	4	6	51	66	60	51	50	52	52	52	51	57	62	56	54	55	51	54	51	47	13	42
12	7	3	2	2	6	45	70	66	56	57	57	56	55	57	58	55	58	54	54	56	50	51	52	45	
13	50	46	5	5	2	2	1	2	5	4	2	4	1	1	2	0	6	6	8	34	37	8	1	1	10
14	1	2	1	1	1	1	1	1	13	20	20	29	15	1	1	1	7	13	34	40	45	36	41	35	16
15	5	1	0	1	1	26	49	43	39	39	40	38	40	40	42	47	47	42	39	35	33	29	34	6	30
16	3	3	1	1	1	36	52	54	49	45	40	42	39	40	43	50	0	0	34	40	44	45	46	43	31
17	40	9	6	7	24	48	67	38	16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	11
18	1	1	0	0	0	0	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	0	1	0	1
19	1	1	0	0	0	28	52	49	44	40	37	37	38	38	41	42	45	43	43	40	43	40	35	26	32
20	4	2	4	0	0	19	29	32	37	39	37	37	36	33	32	35	31	30	32	32	30	20	21	22	25
21	10	1	1	1	2	0	4	10	12	24	26	25	4	1	1	0	0	0	0	0	0	2	1	35	9
22	39	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
23	1	2	1	1	2	27	49	49	46	44	44	44	42	41	40	41	41	43	2	39	48	46	33	26	
24	8	1	2	3	2	23	49	48	42	40	39	38	41	54	58	62	58	51	49	25	42	11	4	4	31
25	3	4	3	6	12	25	26	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	4
26	19	10	5	3	10	35	69	18	9	2	7	7	1	2	2	2	2	3	2	1	2	6	2	1	9
27	1	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	4	27	38	43	43	48	49	55	14
28	55	39	14	4	6	29	36	0	0	0	0	0	1	0	5	5	10	10	1	0	0	0	1	2	9
29	1	0	1	0	1	1	3	2	2	2	3	3	3	7	5	4	4	4	2	25	62	62	49	47	13
30	35	8	6	13	4	64	89	80	48	6	5	0	0	59	61	0	1	1	0	1	0	5	4	1	21
31	2	0	0	1	5	26	22	10	8	24	3	3	22	24	1	10	53	40	51	53	55	26	57	46	24
MEAN	13	6	3	3	5	23	36	30	26	23	22	24	20	21	23	24	20	20	23	24	28	23	24	19	20
PERCENTAGE OF DATA VALID -	73																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	26	2	7	7	59	79	79	2	4	1	0	1	1	32	32	34	1	0	0	2	6	6	6	17
2	10	9	2	4	36	75	84	82	67	58	0	2	2	1	1	1	1	1	1	0	1	0	0	0	21
3	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
5	0	0	0	0	1	4	5	5	6	16	38	27	47	45	49	48	48	44	47	53	54	62	63	61	30
6	37	13	9	3	4	21	46	35	9	1	0	0	0	1	0	0	0	0	1	1	0	0	1	1	8
7	1	1	3	7	27	67	40	8	4	3	7	3	1	1	0	1	0	0	1	1	2	3	33	67	12
8	67	48	30	15	47	84	93	50	22	7	0	0	1	1	1	1	0	1	1	1	0	0	0	0	22
9	0	0	1	1	2	2	65	29	0	1	1	1	0	1	1	1	1	1	1	1	1	20	47	47	9
10	39	25	10	6	5	42	52	45	41	20	6	0	1	1	1	0	0	1	1	0	1	1	0	0	12
11	0	15	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
12	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1	44	27	46	42	7
13	40	24	5	6	40	6	45	20	2	0	1	26	0	49	54	57	57	51	47	43	41	31	40	24	32
14	16	5	4	3	2	30	77	70	56	57	58	55	52	53	61	65	61	56	60	52	52	47	50	43	45
15	24	5	6	7	17	60	85	67	0	1	2	2	2	0	0	1	1	1	1	0	1	1	1	1	12
16	2	2	42	25	37	71	53	11	2	1	1	1	0	1	1	1	1	1	1	1	0	0	2	2	11
17	3	0	1	1	1	2	1	0	2	46	0	44	45	34	1	1	0	39	52	51	52	53	55	51	23
18	50	20	4	1	1	1	6	24	12	17	1	1	1	2	2	2	1	1	1	2	1	3	1	1	0
19	1	1	0	1	1	2	45	80	66	56	52	50	26	3	30	0	1	1	1	0	59	62	61	55	26
20	56	49	9	11	33	61	83	6	3	21	0	1	1	1	2	1	1	1	1	1	1	2	42	16	
21	26	29	28	7	36	59	90	89	46	12	2	1	0	1	2	1	1	1	1	1	1	2	2	1	18
22	39	44	35	16	23	11	12	2	0	0	1	2	0	0	0	0	0	0	1	0	0	1	1	1	8
23	2	1	0	0	1	0	1	3	0	0	1	2	6	2	2	1	38	67	60	60	57	48	29	17	
24	35	24	9	6	9	32	57	58	55	53	54	52	53	52	53	52	53	55	62	61	59	59	57	46	
25	54	46	16	6	6	8	36	25	3	1	2	1	1	1	1	2	2	1	2	2	2	2	2	2	9
26	2	2	12	11	34	60	78	70	4	0	2	1	0	1	0	0	1	1	1	2	1	1	29	25	14
27	2	2	2	2	2	2	4	2	12	20	54	60	63	71	81	75	70	67	67	65	56	57	55	37	
28	49	22	5	8	4	7	87	88	78	69	66	68	0	55	66	74	73	70	69	64	66	60	54	55	
29	44	11	7	7	11	56	83	82	24	2	1	1	1	1	0	1	2	2	1	0	2	5	5	10	15
30	39	49	18	8	13	54	87	88	78	71	70	63	55	43	1	1	1	1	1	1	2	1	1	1	31
31	2	2	1	2	1	1	1	1	1	1	0	0	4	6	15	15	35	44	49	56	58	45	33	54	18
MEAN	21	15	9	6	13	30	45	37	20	19	14	16	12	14	14	14	15	16	17	17	21	21	24	26	19

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	58	51	16	10	9	21	45	50	38	47	27	6	6	6	1	2	2	35	51	48	49	48	53	51	30
2	35	8	4	1	1	4	24	36	46	51	54	59	62	64	67	67	68	60	52	37	31	38	45	21	39
3	6	2	2	2	2	34	69	80	75	68	68	60	64	63	65	71	70	67	69	69	66	63	61	51	52
4	32	8	2	2	6	53	79	89	77	66	62	59	58	62	66	72	72	66	69	69	58	61	58	52	54
5	40	12	7	4	27	59	85	92	70	33	2	0	0	0	0	0	0	0	0	1	4	68	75	66	27
6	56	44	26	13	27	62	94	97	59	15	0	0	0	0	0	0	0	0	0	0	1	62	62	63	30
7	55	35	12	7	7	30	64	65	40	9	1	2	1	1	1	1	1	0	0	0	0	36	64	20	11
8	65	52	26	6	6	12	45	16	8	2	2	2	1	2	2	3	3	2	0	0	0	1	1	1	11
9	0	1	1	1	0	1	4	4	6	3	1	1	1	1	1	1	0	28	63	61	29	13	29	32	12
10	8	3	7	2	0	12	37	19	13	1	1	1	0	2	1	1	1	1	1	0	1	1	0	1	5
11	2	1	2	1	2	1	3	4	3	2	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1
12	1	1	1	1	2	1	2	3	3	2	2	3	2	2	2	3	2	3	8	68	64	24	18	9	9
13	4	3	1	1	1	2	2	2	2	2	1	2	36	57	63	66	68	61	62	62	53	38	36	33	27
14	12	8	5	3	5	11	43	59	62	56	53	52	32	31	11	3	1	1	2	5	3	4	3	2	19
15	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	38	12	1	52	56	59	61	57	50	27
16	8	6	5	4	18	63	86	83	65	58	60	49	0	54	45	32	1	1	1	2	2	2	5	6	28
17	7	12	6	4	17	19	23	39	39	3	6	7	15	49	57	75	53	56	54	55	56	33	28	13	30
18	6	4	4	3	6	49	80	77	64	32	3	1	25	1	1	1	1	1	3	3	5	13	9	5	17
19	4	40	27	9	27	72	104	71	33	5	1	1	0	0	0	0	0	0	0	0	0	0	1	0	17
20	1	0	3	3	5	34	71	76	67	58	59	59	61	63	70	72	71	71	65	66	59	48	48	41	49
21	45	28	10	5	3	10	6	5	7	6	4	3	3	25	41	46	55	61	70	72	62	60	40	35	29
22	27	17	6	2	1	3	11	23	26	31	34	41	45	49	48	49	53	52	60	68	69	70	70	62	38
23	41	15	6	5	12	65	54	45	55	54	34	36	4	3	3	27	33	8	4	57	66	63	61	58	34
24	54	65	62	52	57	84	123	101	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	22	20	27	0	67	59	66	59	62	62	58	62	33	28
26	16	10	5	2	10	18	101	62	42	9	2	3	3	0	1	1	1	1	2	0	1	0	1	1	13
27	0	0	1	1	1	1	3	7	1	2	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1
28	1	0	1	1	0	1	1	1	1	2	2	2	1	0	0	1	1	1	1	1	0	0	0	1	1
29	1	1	1	1	1	1	2	1	2	2	2	2	24	27	22	21	22	25	27	33	39	25	26	8	13
30	4	3	4	3	8	32	68	63	61	56	58	57	61	63	60	64	60	62	57	48	66	65	61	58	48
MEAN	20	15	8	5	9	26	44	42	33	23	19	18	19	24	24	26	23	27	29	34	30	33	32	27	25

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	50	33	13	8	6	56	26	62	48	6	29	63	37	60	5	3	3	4	27	5	30	28	29	8	27
2	5	4	3	3	5	34	62	50	47	39	36	44	51	61	62	61	64	66	65	60	61	61	53	44	
3	44	11	5	5	18	58	89	86	64	56	58	56	51	52	61	65	70	86	79	76	69	69	74	74	57
4	70	62	56	50	61	43	37	49	38	15	0	0	1	1	0	2	2	0	1	0	1	2	2	3	22
5	1	0	0	1	2	2	3	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
6	7	14	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	2	1	2	38	60	65	55	47	44	45	53	59	64	73	66	71	64	54	45	54	51	19	43
8	10	4	6	9	20	29	92	102	79	48	5	4	2	0	0	0	0	2	0	0	0	0	0	0	17
9	1	0	1	1	1	1	2	5	4	1	1	0	2	2	1	2	39	73	78	71	55	56	54	24	20
10	8	3	0	0	0	4	10	14	5	21	17	27	33	3	0	50	69	68	67	69	71	63	61	30	
11	53	39	26	10	2	21	24	24	28	2	1	1	1	1	0	0	0	0	0	0	1	3	5	4	11
12	0	14	4	7	7	4	2	2	46	25	5	2	40	52	56	49	48	45	41	40	19	9	20	46	24
13	53	54	29	8	1	1	7	7	7	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	9
14	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0
15	1	0	0	0	0	3	40	69	61	56	53	53	0	45	38	48	45	13	5	7	57	58	57	49	33
16	43	39	12	9	9	20	61	95	90	88	29	0	0	0	0	0	0	0	0	2	4	3	2	3	21
17	2	1	0	1	0	0	0	1	1	2	3	13	23	24	28	47	52	52	40	40	23	26	22	22	18
18	7	6	3	4	4	5	59	85	77	56	0	54	54	58	57	68	73	72	83	67	56	50	27	8	45
19	10	21	6	7	10	22	53	63	59	58	50	51	45	56	56	55	58	61	69	66	53	41	50	48	45
20	51	30	8	2	1	2	6	8	13	18	23	36	47	45	45	49	50	55	60	61	59	64	66	42	35
21	13	12	7	3	9	7	22	46	31	10	24	26	16	11	15	1	2	2	4	3	2	1	1	1	11
22	1	1	0	0	1	0	2	2	2	2	2	2	2	2	0	1	1	1	0	2	4	6	26	3	
23	10	13	8	8	8	33	83	87	68	56	62	48	37	43	56	65	69	70	61	49	48	49	39	47	
24	14	7	7	17	45	67	103	100	59	14	2	1	1	1	1	2	1	1	3	4	5	8	5	3	20
25	1	0	0	0	0	27	70	73	70	62	60	52	47	51	0	63	61	62	57	55	55	57	48	47	
26	49	45	19	6	4	6	5	6	3	2	2	7	2	13	25	32	34	38	10	9	28	22	6	16	
27	23	28	5	4	3	2	5	8	7	14	24	17	19	1	1	0	1	0	0	0	1	0	0	0	7
28	0	7	13	16	10	21	47	54	82	50	11	0	0	0	1	1	2	6	4	30	76	74	76	83	30
29	86	64	56	48	49	56	68	81	61	51	42	23	5	3	1	4	8	6	9	67	76	60	23	3	40
30	1	9	28	40	37	15	33	5	4	2	0	1	4	4	5	5	11	14	6	4	3	2	2	10	
31	3	2	2	2	3	3	3	6	10	10	8	7	5	3	3	4	2	5	4	4	2	2	6	7	4
MEAN	20	17	11	9	11	19	34	42	38	26	21	21	21	22	21	24	27	30	31	28	30	30	29	23	24

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	0	0	0	0	2	6	5	3	2	49	10	2	19	64	75	68	70	64	49	48	53	26
2	50	27	2	0	0	0	0	0	0	0	0	3	1	1	1	4	0	0	0	4	10	1	0	0	5
3	0	0	0	7	2	0	0	5	2	10	2	2	0	1	2	1	3	2	2	4	33	65	48	27	9
4	6	2	1	1	2	5	57	84	74	66	66	68	67	67	72	75	76	27	27	66	46	57	55	45	46
5	30	10	8	4	3	8	44	39	6	4	4	18	53	59	62	66	72	76	65	62	56	55	55	53	38
6	49	25	9	7	5	9	48	85	83	73	66	66	65	68	71	70	79	75	71	67	54	55	58	53	55
7	44	13	8	6	4	9	47	50	40	38	40	45	37	39	41	44	12	8	13	28	9	6	26	76	28
8	77	76	68	69	77	70	69	120	101	69	57	55	14	47	52	19	41	58	102	101	91	85	76	79	70
9	72	92	91	79	58	27	45	63	69	29	3	0	0	0	0	1	0	0	0	1	1	0	0	0	27
10	0	1	0	0	0	0	0	0	0	0	0	1	3	3	10	0	1	0	0	3	6	1	0	0	1
11	1	1	4	3	4	1	1	2	3	2	2	2	2	2	2	8	30	34	62	63	22	5	1	0	11
12	5	2	2	1	2	6	10	49	16	4	3	1	3	2	1	13	2	6	5	3	2	3	3	3	6
13	3	2	0	0	0	0	0	1	3	2	1	1	1	1	2	2	1	2	1	2	2	1	9	2	2
14	2	1	0	0	0	0	1	3	4	3	1	0	1	1	1	1	2	2	2	1	2	1	0	1	1
15	2	1	2	1	1	0	1	1	3	12	12	15	4	3	1	2	2	7	15	13	10	6	5	2	5
16	1	2	0	1	1	1	1	1	1	2	1	1	1	2	2	2	2	4	3	2	1	2	3	3	2
17	2	2	1	1	1	1	3	9	14	15	9	5	5	2	0	13	45	21	12	3	2	4	4	6	8
18	4	7	3	0	0	13	17	58	48	12	5	3	6	6	6	5	9	11	3	3	3	2	5	9	9
19	3	3	2	1	2	7	24	27	72	69	69	71	66	76	53	73	74	51	22	4	3	2	1	3	32
20	1	1	0	2	4	6	60	59	57	49	47	47	47	48	54	64	54	50	43	41	45	32	29	35	35
21	14	6	3	3	3	36	79	80	67	63	61	30	41	32	5	5	9	14	38	51	49	46	46	33	33
22	52	50	27	3	2	2	2	2	2	2	2	1	1	1	1	3	7	10	7	2	2	0	1	8	8
23	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	9	9	2	2	1	27	63	63	55	51	48	0	0	47	46	53	39	24	18	24	30	42	40	34	17
25	6	4	3	1	1	52	76	76	59	54	57	54	58	55	55	67	64	60	52	36	40	38	23	37	37
26	40	12	7	3	4	34	68	66	24	2	0	0	0	0	0	62	70	61	56	52	53	56	54	44	44
27	18	8	4	2	1	15	52	55	52	52	50	18	3	1	0	0	7	16	3	3	8	9	20	21	21
28	10	3	2	2	2	3	27	61	67	54	40	40	44	49	53	57	58	62	65	66	62	51	41	42	40
29	34	12	6	2	0	8	48	50	51	50	50	51	54	50	52	51	46	48	43	25	7	6	19	32	32
MEAN	19	13	9	7	6	6	21	37	38	32	27	27	25	27	23	28	31	30	29	31	26	25	24	24	24

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	10	5	0	1	0	1	2	2	4	8	10	16	32	44	50	49	36	22	23	23	29	21	13	17
2	1	0	0	0	0	1	21	55	57	38	24	6	4	7	48	54	43	29	26	12	8	4	3	21	
3	1	0	0	0	0	0	25	58	59	49	50	46	45	49	40	49	51	55	49	35	19	20	13	10	33
4	0	0	0	0	0	0	28	63	64	58	58	54	57	62	68	73	81	86	79	82	74	84	85	79	62
5	33	84	72	43	6	1	0	10	25	8	1	2	1	1	21	12	11	26	41	47	49	51	51	46	29
6	48	56	54	50	62	64	56	51	52	36	9	2	0	0	0	0	0	2	0	1	11	39	65	75	37
7	73	69	67	63	60	57	51	32	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	3	47	68	59	20	55	51	0	0	0	0	1	1	1	22	29	20	18	11	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	7	4	3	2	1	1	0
11	0	0	0	0	0	1	0	2	8	9	9	9	15	33	30	24	25	18	8	10	12	7	3	6	10
12	6	6	2	1	1	1	2	3	7	3	9	9	22	23	12	38	66	67	55	47	61	47	46	59	25
13	35	37	30	26	15	28	65	84	77	61	0	76	72	74	76	79	83	81	77	72	66	59	55	50	60
14	42	35	14	4	1	3	20	56	64	62	61	64	67	70	69	71	74	70	71	73	72	64	61	62	52
15	57	40	12	8	1	1	0	3	4	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	6
16	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	3	4	4	58	50	52	34	5	2	10
17	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	24	26	21	15	12	12	21	33	33	22	20	23	23	32	36	35	39	33	35	38	34	33	31	30	28

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	7	14	26	55
MAR	28	15	30	79
APR	30	33	56	120
MAY	30	28	53	110
JUN	28	18	49	87
JUL	24	20	45	89
AUG	31	19	55	93
SEP	30	25	54	123
OCT	31	24	57	103
NOV	30	24	70	120
DEC	17	28	62	86
YEAR	286	23	70	123

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	2	26	40	13	5	20	46	152
MAR	128	117	76	37	31	46	205	640
APR	107	64	35	29	10	36	353	634
MAY	131	86	39	21	17	39	333	666
JUN	122	175	74	26	14	30	212	653
JUL	155	62	49	25	13	14	232	550
AUG	312	78	37	23	13	16	241	720
SEP	203	88	50	29	16	14	294	694
OCT	164	87	68	52	14	24	296	705
NOV	154	133	57	40	15	20	268	687
DEC	90	20	17	20	11	12	155	325
YEAR	1568	936	542	315	159	271	2635	6426

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.4	1.6	8.0	37.1	61.6	69.1	78.8	84.9	123	23.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	5	4	3	1	1	1	1	1	2	2	1	2	2	2	3	3	2	1	3	2	2	3	2
2	2	1	1	0	0	1	3	14	25	13	7	4	5	4	5	3	4	7	6	2	0	0	2	3	2
3	3	0	0	0	0	0	1	11	30	14	8	2	5	4	4	3	3	2	11	18	24	12	9	7	7
4	3	2	1	1	1	1	2	6	10	5	4	3	2	3	2	3	3	5	9	8	6	6	3	5	4
5	4	6	3	2	2	0	0	0	11	8	5	4	5	4	5	4	7	6	6	4	4	4	4	5	5
6	4	4	2	1	1	1	2	4	4	3	3	2	2	2	1	3	5	4	4	3	3	2	2	1	3
7	3	1	1	1	1	1	2	4	4	3	3	2	1	1	1	2	3	5	4	4	3	2	2	1	2
8	0	0	0	0	0	1	3	6	4	2	3	2	1	2	1	2	3	5	6	3	3	2	0	1	2
9	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	5	5	6	6	3	3	2	0	1	1
10	1	0	0	0	0	0	0	2	3	2	1	1	1	2	2	2	2	3	1	1	0	2	0	0	1
11	0	1	0	0	0	0	0	1	3	2	1	3	3	4	4	5	9	16	18	20	18	20	21	22	7
12	13	10	5	1	1	1	1	3	4	3	5	4	4	6	5	7	10	13	19	25	25	5	3	2	7
13	3	5	4	2	1	1	1	0	2	2	3	3	3	3	3	3	10	4	3	9	18	18	14	16	5
14	1	0	3	0	0	1	3	9	11	5	4	4	4	4	***	2	3	4	2	2	2	1	1	1	3
15	1	1	0	0	1	0	2	5	3	2	2	3	5	4	***	6	8	6	6	5	3	4	1	1	3
16	2	1	0	0	0	0	2	2	4	3	5	6	8	5	2	1	2	3	6	2	1	0	1	0	2
17	0	0	0	0	0	0	0	2	1	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0
18	0	0	0	0	0	0	0	1	2	1	1	1	2	3	***	3	4	3	2	3	7	6	6	4	2
19	5	5	5	7	8	6	7	8	7	5	6	2	4	5	4	4	9	5	10	11	3	8	13	13	7
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	1	0	0	1	1	3	5	7	6	7	7	6	1	0	1	0	0	1	1	1	1	2
22	0	0	0	0	0	0	1	6	11	9	3	4	4	5	5	7	5	6	1	0	0	0	0	0	3
23	0	0	0	0	2	4	6	9	8	7	6	7	5	4	5	4	5	4	5	3	3	4	3	5	4
24	4	2	2	1	1	1	5	6	8	8	10	4	4	3	3	2	5	4	3	5	4	4	3	3	4
25	3	2	2	2	3	4	8	19	15	3	10	8	6	5	4	8	7	9	4	0	0	1	8	8	6
26	9	4	4	3	6	2	4	5	7	7	5	3	1	0	0	0	0	0	0	1	0	1	1	1	3
27	3	2	0	0	0	0	0	0	1	1	0	1	0	2	2	2	4	3	3	2	2	3	2	2	1
28	4	1	1	0	0	1	3	10	12	9	4	1	0	0	0	0	1	1	1	1	6	9	6	5	3
29	4	2	0	1	1	1	2	7	5	3	3	4	5	3	0	3	5	6	5	6	5	5	4	2	3
30	1	1	1	2	1	1	2	4	5	3	2	2	3	4	***	***	***	0	0	0	0	0	0	0	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	1	1	1	1	0
MEAN	2	2	1	1	1	1	2	5	7	4	4	3	3	3	3	3	4	4	4	4	5	4	4	4	3

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	1	2	2	1	1	***	6	6	1	***	***	***	***	2	1	1	0	0	1	
2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	***	***	***	1	2	2	1	***	0	1	
3	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	1	***	***	1	1	2	1	0	0	0	
4	0	0	0	0	***	0	0	1	2	7	4	1	2	3	3	5	8	9	6	6	3	4	2	2	3	
5	1	0	0	0	0	0	2	6	7	4	2	3	2	***	2	6	4	4	9	5	3	2	4	1	3	
6	1	1	0	1	0	0	0	1	2	0	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	
7	0	0	0	0	0	0	0	2	2	4	5	5	5	5	5	5	9	12	9	10	8	9	9	10	5	
8	4	2	0	0	1	5	8	19	21	7	4	1	1	0	0	1	3	12	6	13	14	11	7	8	6	
9	6	5	2	2	0	1	3	7	8	5	4	4	6	6	6	4	7	11	19	14	6	3	5	5	6	
10	8	10	7	9	5	2	0	2	1	1	1	2	2	2	3	2	2	2	2	2	3	3	3	2	3	
11	0	1	0	0	0	1	1	3	3	3	2	2	***	2	2	2	4	4	4	2	3	4	5	4	2	
12	2	1	2	2	2	4	5	9	15	10	7	6	4	6	5	***	***	***	5	2	3	0	1	1	5	
13	2	5	4	7	8	11	20	22	22	19	8	***	***	***	4	7	7	***	***	2	3	2	***	0	1	
14	***	0	0	0	0	0	0	1	1	1	0	0	1	2	1	2	4	5	3	4	5	4	3	0	2	
15	2	1	1	1	0	1	5	10	7	3	1	1	3	5	3	3	7	5	2	12	3	6	9	0	4	
16	0	0	1	3	2	0	1	1	1	1	4	3	5	6	9	8	8	7	5	13	6	2	2	2	3	
17	2	3	2	1	0	0	1	0	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	
18	1	1	0	0	0	0	6	14	10	5	3	2	1	0	0	0	0	0	1	0	0	0	1	1	1	
19	1	1	1	1	0	0	1	1	2	1	2	***	***	***	***	***	***	***	0	0	4	3	5	2	1	
20	1	1	0	***	***	***	***	3	2	0	1	0	***	***	***	***	***	***	2	5	3	2	4	6	5	3
21	7	5	3	3	3	4	19	25	14	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	1	1	2	1	***	0	***
23	0	0	***	***	***	***	***	***	0	0	1	0	1	1	2	1	1	1	1	1	1	1	0	0	1	
24	0	1	1	0	0	***	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	***	***	***	0	0	1	6	5	3	3	3	1	***	***	2	3	4	4	6	3	2	2	3	3	
26	2	1	1	1	0	1	1	8	9	4	4	2	2	2	1	2	1	1	6	10	15	15	2	3	4	
27	3	1	1	0	1	1	1	4	4	2	1	1	0	2	3	2	5	6	9	13	11	7	4	4	4	
28	3	3	1	0	1	1	1	3	4	5	3	3	2	2	2	2	4	6	***	***	***	***	***	***	3	
MEAN	2	2	1	1	1	1	3	6	5	3	2	2	2	3	2	3	4	5	4	5	4	3	3	2	3	

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	1	1	3	13	19	14	18	14	12	9	4	0	0	0	1	3	3	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	2	2	1	0	1	3	10	6	3	3	3	3	4	3	5	7	9	8	9	6	0	1	1	4
8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	8	8	9	3
10	5	1	0	0	0	0	0	0	0	0	1	1	2	2	2	1	3	3	3	3	4	3	4	3	2
11	1	1	2	2	3	6	12	22	18	14	6	7	5	0	4	4	5	12	14	3	2	2	1	0	6
12	0	0	0	0	0	0	0	1	1	0	0	1	1	2	3	3	3	6	5	3	2	2	2	1	2
13	1	0	0	1	1	0	1	4	5	2	2	2	2	2	3	3	3	3	4	4	2	2	2	2	2
14	2	1	0	0	1	0	2	5	6	4	4	4	3	4	4	4	6	8	9	10	13	10	8	13	5
15	7	3	0	1	1	0	0	9	9	3	1	1	0	1	1	1	0	0	1	0	0	1	0	0	0
16	0	0	0	0	0	0	0	0	0	1	4	6	8	7	8	8	6	6	5	4	3	1	0	1	3
17	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	0	1	3	4	2	2	2	2	2	1	5	3	4	2	1	3	2	3	0	2
19	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1
20	1	1	1	0	1	6	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	2	4	3	2	3	5	4	3	5	5	4	3	3	2
22	1	1	0	0	0	0	0	1	1	3	2	2	3	2	2	0	4	7	4	0	0	0	0	3	2
23	1	0	1	1	0	1	0	1	1	1	1	2	3	3	3	3	3	3	4	4	3	2	1	0	2
24	0	1	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	3	10	5	3	3	3	3	3	2	4	4	2	3	1	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	2	2	2	2	1	1	0	0	0	1
27	0	0	0	0	0	0	0	0	8	1	0	5	3	2	2	2	0	0	2	3	5	5	3	1	2
28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	1	4	3	2	2	3	2	2	2	2	3	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 82

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	14	4	0	0	1
7													- DATA MISSING -												
8													- DATA MISSING -												
9	0	0	0	1	1	0	1	5	5	0	0	1	0	2	0	0	5	1	0	0	0	7	15	19	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0
11	18	3	0	0	0	0	0	0	7	3	2	0	2	3	0	0	4	5	7	7	6	10	13	7	4
12	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	2	4	0	1	1	2	2	2	3	3	4	3	3	5	7	2	2
14	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	7	2	1	0	0	0	0	7	7	3	1	1	2	0	0	0	0	0	0	0	2	2	3	4	1
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	3	1	0	0	0	0	1	1	2	1	1	0	1	1	1	1	1	1	1	1	3	4	5	4	1

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	5	4	5	4	9	7	7	5	4
15	4	3	3	4	3	4	6	7	6	6	6	0.0	3	2	3	5	3	4	4	3	5	6	7	3	4
16	3	3	2	2	2	8	11	7	1	2	1	1	1	1	2	5	4	3	1	2	1	1	2	2	3
17	1	1	2	1	1	5	32	33	26	18	6	6	0.0	6	6	7	7	7	0.0	0.0	0.0	0.0	0.0	0.0	10
18	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20													- DATA MISSING -												
21													- DATA MISSING -												
22	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	3	7	6	9	7	8	7	6	6	5	6	0.0
23	5	5	4	6	14	15	11	8	7	6	5	0.0	2	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	6	5	8	8	6	4	4	3	2	2	0.0
25	2	1	1	1	2	3	3	3	3	5	5	7	4	5	5	4	4	4	4	2	3	3	4	3	3
26	2	2	1	1	1	2	2	2	3	3	4	5	4	5	3	6	6	7	5	4	4	3	2	1	3
27	1	1	2	2	10	16	17	5	4	4	3	3	6	8	3	9	3	14	17	14	7	7	6	3	7
28	5	3	2	1	7	13	9	8	6	6	4	3	0.0	2	5	4	3	4	4	5	3	2	1	2	4
29	1	2	1	2	1	2	7	6	8	13	8	5	3	0	1	1	1	2	2	4	5	0	2	4	3
30	4	1	2	2	2	6	8	5	5	2	1	3	2	3	1	2	1	1	1	1	2	4	7	2	3
31	1	1	1	1	1	2	2	2	2	3	5	5	5	0.0	5	6	8	6	6	8	2	5	6	4	4
MEAN	3	2	2	2	4	6	9	7	6	6	4	4	3	3	4	5	4	6	5	5	4	4	4	3	4

PERCENTAGE OF DATA VALID - 39

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		3	1	1	1	2	5	4	7	5	4	5	3	4	5	6	6	4	8	11	15	20	23	23	7
2		28	28	6	2	1	1	2	1	1	2	3	2	2	1	1	1	2	1	1	2	10	15	17	5
3		8	10	11	5	2	9	16	12	5	4	1	0	0	0	3	3	2	3	3	2	1	2	1	5
4		11	4	2	2	2	6	8	10	8	6	4	2	2	3	1	1	2	2	3	4	5	6	4	4
5		4	5	2	4	5	5	7	6	3	4	3	0	2	5	3	2	2	2	1	2	2	2	2	3
6		1	1	1	1	1	1	2	4	2	2	0	0	1	1	1	2	1	0	2	1	1	0	0	1
7		1	2	1	1	1	1	1	1	1	0	0	1	2	1	1	2	1	2	2	3	3	3	2	1
8		2	2	1	2	2	2	3	3	4	4	3	1	2	3	3	4	5	5	4	4	11	9	4	4
9		10	13	15	9	4	4	6	7	7	6	6	5	3	3	3	4	5	5	4	4	6	6	6	6
10		6	5	5	5	7	9	11	8	7	5	4	6	5	5	6	5	5	5	5	6	4	2	2	6
11		2	2	2	2	1	2	4	3	3	4	3	3	0	3	2	5	4	8	8	4	6	5	5	4
12		2	2	1	2	1	1	9	10	7	3	2	2	3	2	4	5	3	8	6	2	5	8	6	4
13		0	0	0	0	3	5	8	7	5	3	3	6	6	7	6	5	7	9	9	10	7	6	5	6
14		7	4	6	9	8	12	13	19	9	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	14	9	9	12	6	5	9	3	0
22		4	3	3	2	1	2	5	5	4	3	4	3	3	4	4	5	5	4	5	4	3	0	0	3
23		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25		2	1	1	1	2	5	11	12	3	3	3	2	2	2	3	3	2	1	5	2	3	5	4	3
26		2	2	2	1	1	3	6	4	2	2	1	1	2	1	3	1	1	4	2	1	0	5	2	3
27		9	9	19	21	23	29	34	13	8	3	2	2	1	2	1	1	1	1	0	0	5	5	12	9
28		7	3	2	1	2	4	4	4	3	2	2	2	0	0	2	2	2	2	1	1	1	2	2	2
29		2	2	1	1	2	1	3	2	7	8	10	9	8	7	6	6	6	5	9	14	6	5	4	5
30		4	3	2	3	3	3	2	3	3	3	4	4	5	5	6	5	5	4	3	6	9	6	5	4
MEAN		5	5	4	3	3	5	7	6	5	4	3	3	3	4	4	4	4	4	5	5	5	6	6	4

PERCENTAGE OF DATA VALID - 70

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	5	4	6	3	3	2	3	4	2	2	2	3	2	2	2	2	6	11	5	4	4
2	2	2	2	1	1	2	5	9	5	3	4	3	4	4	4	4	4	3	4	5	6	5	7	7	4
3	4	1	5	5	8	18	27	26	14	7	9	6	8	6	4	4	4	3	4	1	14	16	10	8	9
4	5	4	4	4	4	6	8	11	9	7	5	5	5	4	3	3	4	3	2	1	4	6	6	6	5
5	5	4	4	4	4	5	8	7	5	4	4	4	4	4	3	5	5	5	5	5	2	1	3	2	4
6	2	4	3	2	2	6	8	4	5	2	1	3	2	2	1	3	2	1	4	3	5	2	7	9	3
7	9	13	13	6	3	2	2	1	3	1	2	1	2	1	1	1	1	1	2	5	8	10	4	4	4
8	3	2	3	1	1	10	11	7	3	4	4	4	3	2	2	4	3	3	2	2	4	4	5	3	4
9	4	4	4	4	3	4	10	10	6	5	5	3	2	2	2	2	3	2	2	3	5	3	3	4	4
10	3	3	3	4	3	3	4	4	4	5	4	4	4	4	3	5	6	7	7	6	3	3	2	2	4
11	0	1	1	1	1	2	3	2	1	2	0	0	3	3	2	2	4	0	7	7	4	6	5	2	2
12	2	1	1	0	0	3	13	13	6	3	3	2	2	2	2	2	1	1	4	2	4	6	13	4	4
13	13	11	6	12	7	5	8	2	5	3	0	3	2	2	1	1	1	2	1	2	5	6	4	3	4
14	2	3	3	3	2	3	7	7	3	3	3	3	2	2	2	2	2	3	4	2	4	6	4	3	4
15	2	3	3	3	2	3	7	7	3	3	3	3	4	3	3	5	4	3	4	4	4	4	3	2	4
16	1	1	1	0	1	2	8	4	4	3	2	0	1	1	1	0	2	0	2	4	7	7	7	7	3
17	7	10	5	5	8	10	23	15	11	4	7	5	3	3	3	9	6	4	4	4	5	5	9	5	7
18	2	2	2	2	2	4	5	4	4	4	2	2	4	4	4	6	5	4	4	3	3	5	10	16	5
19	3	3	3	2	3	4	8	7	4	5	4	4	3	3	3	4	5	4	0	2	5	2	0	0	3
20	1	0	0	1	1	1	1	1	0	1	1	0	2	1	1	0	0	1	2	3	4	2	3	3	1
21	2	0	1	1	1	1	2	2	1	1	0	1	1	0	1	2	1	0	2	3	11	13	16	16	3
22	18	18	11	10	7	6	5	2	1	0	1	1	0	0	0	0	1	0	0	0	1	1	0	2	4
23	1	2	1	2	1	3	10	9	4	3	1	1	1	1	1	1	2	1	2	1	2	7	7	3	3
24	2	1	1	2	1	5	9	10	4	4	3	1	6	2	3	5	3	1	1	1	2	2	1	2	3
25	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	3	1
26	4	4	1	1	3	7	3	3	3	4	4	5	5	5	4	4	4	5	4	5	4	3	3	4	4
27	4	4	2	2	3	2	4	6	6	6	5	4	4	4	4	6	5	4	4	3	3	5	10	16	5
28	18	15	8	7	2	4	7	5	4	2	1	1	1	1	1	2	2	3	4	5	4	7	10	8	5
29	2	3	3	3	6	7	9	10	7	11	12	9	8	5	10	15	11	7	6	8	16	21	22	9	9
30	17	2	1	2	4	14	23	14	8	7	7	6	3	5	4	3	4	3	8	11	17	15	14	11	9
31	10	6	2	1	2	7	15	12	9	5	6	10	5	7	8	11	8	6	6	9	15	20	19	19	9
MEAN	5	4	3	3	3	5	9	7	5	4	4	3	3	3	3	4	3	3	3	4	6	6	7	6	4

PERCENTAGE OF DATA VALID - 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	6	3	1	12	16	16	15	9	6	7	6	6	2	2	1	1	2	2	3	6	6	6	6
2	8	8	7	8	6	9	9	9	10	10	10	9	9	8	5	5	5	6	7	10	10	12	9	11	8
3	9	9	9	6	6	4	5	8	10	10	11	11	9	4	2	2	2	1	2	4	2	6	8	6	6
4	2	2	1	1	1	1	1	1	1	2	4	6	5	8	8	7	6	5	5	12	15	20	25	22	7
5	22	20	21	13	14	21	25	26	22	15	10	7	6	3	3	9	9	8	10	9	11	12	14	9	14
6	9	9	8	10	11	21	20	14	11	12	10	10	9	7	8	8	7	9	11	17	16	20	19	25	13
7	28	29	33	21	22	30	48	35	17	11	11	10	9	9	12	12	12	14	14	15	13	14	15	13	19
8	14	15	12	12	14	14	16	8	4	3	3	3	4	4	2	2	2	1	2	3	5	9	16	12	8
9	13	4	0	0	3	12	14	0	0	0	1	1	1	1	1	1	1	1	2	3	3	5	14	9	4
10	7	7	9	2	2	2	5	13	14	6	3	2	2	2	2	2	2	2	2	3	6	6	6	9	5
11	9	5	5	4	7	13	20	20	19	18	18	17	17	16	17	19	15	16	19	19	21	18	26	25	16
12	24	21	19	19	20	25	29	25	15	19	18	14	13	13	12	13	8	10	15	18	14	11	9	4	16
13	2	2	1	2	2	16	20	8	3	4	12	10	9	9	8	11	7	7	13	19	15	13	12	9	9
14	4	2	2	2	8	23	22	9	2	1	1	1	1	1	2	4	10	5	4	2	7	12	10	19	6
15	13	11	13	21	29	34	32	18	6	8	5	4	5	4	12	4	3	2	2	9	12	15	19	22	13
16	20	10	9	10	8	14	18	21	22	21	17	16	9	12	12	17	17	12	14	18	16	13	16	12	15
17	13	16	5	2	2	2	9	8	4	2	4	4	2	5	6	11	4	3	5	13	20	20	18	9	8
18	10	6	4	7	10	23	35	25	13	11	8	8	14	14	10	9	6	9	14	13	15	26	34	38	15
19	40	36	28	19	19	22	26	20	20	16	11	6	6	5	7	0	1	2	2	5	5	4	2	10	13
20	16	18	20	19	19	30	41	38	21	19	20	17	16	13	9	14	15	17	19	17	7	3	14	16	18
21	13	20	24	24	24	17	14	18	12	15	14	15	9	9	13	12	13	13	15	12	12	13	19	18	15
22	18	12	5	1	3	17	33	26	19	16	14	12	10	10	9	19	19	23	26	23	19	17	12	3	15
23	7	3	2	1	2	5	10	9	10	7	10	9	10	7	10	12	8	5	7	12	10	13	19	12	8
24	14	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	1	9	26	27	29	41	22	3	10	12	8	8	12	8	4	10	7	11	9	7	6	8	3	12
26	1	1	0	1	3	9	15	22	18	16	12	17	21	19	22	27	22	16	18	20	22	28	27	16	16
27	8	6	6	2	5	19	39	28	20	4	4	4	7	7	7	12	8	4	9	15	16	17	17	10	12
28	2	2	2	0	0	12	25	19	5	5	2	0	0	0	0	1	1	1	5	26	26	27	35	34	10
29	33	31	29	17	5	11	36	30	23	11	14	6	5	7	6	11	15	17	19	22	10	12	10	5	16
30	4	3	2	2	3	4	5	6	8	10	18	14	11	10	11	12	11	11	10	10	18	16	19	27	10
MEAN	12	11	10	9	9	15	21	17	12	10	9	8	8	8	8	9	8	8	9	12	12	13	15	14	11

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	16	11	13	11	17	25	30	17	11	10	7	7	7	5	5	7	10	15	18	10	8	5	11	13
2	7	2	2	0	0	1	5	1	4	2	2	2	5	10	13	13	16	7	4	4	3	2	4	3	5
3	0	0	0	0	0	1	5	12	7	3	2	5	***	4	8	13	15	11	14	30	19	21	20	13	9
4	7	4	1	3	3	19	36	39	19	7	***	7	10	7	9	19	12	19	29	35	26	19	21	17	16
5	11	7	4	8	12	30	52	46	27	12	2	1	2	1	2	2	2	2	3	9	11	41	47	42	16
6	34	31	23	15	19	24	44	37	8	1	1	0	0	0	0	1	1	1	1	2	2	16	30	28	13
7	21	7	1	3	7	12	18	6	2	0	0	0	0	0	0	0	0	0	0	2	3	5	10	36	6
8	43	35	32	24	13	12	8	11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9																									
10																									
11																									
12																									
13																									
14	1	0	***	0	0	1	4	4	4	0	2	2	2	2	5	5	4	4	8	9	7	12	11	10	4
15	3	2	2	0	0	0	1	0	0	1	1	2	2	2	2	2	2	4	7	5	5	4	2	1	2
16	0	1	1	1	2	6	14	13	6	5	3	3	3	2	***	4	6	6	13	16	7	9	17	18	7
17	19	13	13	11	10	31	46	22	12	8	3	2	2	3	5	14	8	6	7	6	7	2	2	1	11
18	1	0	1	1	0	1	4	5	2	1	***	0	0	0	0	1	1	0	4	2	11	6	3	3	2
19	7	7	10	9	9	16	34	25	17	5	3	3	4	4	2	4	5	4	4	3	3	3	3	2	8
20	5	5	4	2	2	4	12	13	8	7	8	5	4	5	7	13	13	12	11	12	12	5	8	6	8
21	6	3	1	1	3	6	10	11	14	16	12	10	13	11	3	5	8	8	15	17	14	7	12	6	9
22	4	2	1	1	1	0	1	0	0	3	2	4	4	4	4	5	2	6	8	10	8	13	13	21	5
23	14	6	2	2	6	13	15	32	19	4	2	3	1	8	***	4	9	9	14	15	15	15	36	21	12
24	21	27	32	28	34	49	71	64	9	4	3	4	2	2	1	4	4	4	5	4	6	5	1	0	16
25	1	0	0	0	1	2	4	5	5	5	9	5	3	4	4	***	6	8	8	8	10	7	8	7	5
26	4	3	3	2	4	11	29	33	18	6	6	3	2	2	2	3	3	3	4	3	2	3	4	3	7
27	1	1	1	1	1	5	12	17	8	5	4	2	***	2	2	2	4	6	3	1	1	1	1	1	4
28	2	3	1	2	2	2	5	7	10	7	6	6	7	7	7	6	5	8	5	7	9	6	5	5	5
29	5	6	5	5	6	6	6	6	6	6	6	6	8	4	4	4	4	4	4	3	3	3	2	2	5
30	2	2	1	1	2	7	17	18	12	7	7	***	7	8	9	15	13	***	***	***	***	18	14	10	9
MEAN	10	7	6	5	6	11	19	18	10	5	4	4	4	4	4	6	6	6	8	9	8	9	11	11	8

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	11	4	2	3	4	6	10	8	5	5	5	5	5	4	4	4	3	4	5	5	5	8	3	5
2	1	1	1	1	2	5	15	13	8	8	7	7	7	6	9	15	17	***	14	***	14	12	13	10	8
3	6	4	2	2	3	9	18	24	***	9	8	6	5	***	***	11	11	14	***	26	30	15	20	29	13
4	50	39	32	27	***	32	42	42	20	17	16	***	***	8	8	12	13	10	10	10	10	9	9	20	8
5	7	6	5	5	5	8	12	12	9	8	8	8	7	7	6	8	8	8	6	8	7	6	7	9	8
6	11	12	16	12	12	10	7	7	8	10	8	6	5	6	5	5	5	5	6	5	4	5	5	3	7
7	2	1	1	1	1	3	8	10	6	6	6	6	***	8	***	***	***	***	***	***	***	***	***	***	***
8																									
9																									
10																									
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27																									
28																									
29																									
30																									
31																									
MEAN	12	11	9	7	4	10	15	17	10	9	8	6	6	7	6	9	10	8	8	11	12	9	10	11	10

PERCENTAGE OF DATA VALID - 19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	6	5	3	3	2	2	2	1	1	1	6	5	5	6	8	13	12	14	14	11	7	8	9
2	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2
3	2	1	1	2	1	1	1	1	1	1	1	1	2	3	1	2	3	3	3	4	6	9	9	5	3
4	3	2	2	1	0	0	2	6	10	8	8	8	8	8	7	5	5	5	5	6	5	5	4	5	5
5	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2
6	3	3	3	2	3	3	5	7	9	10	9	9	9	9	10	11	12	12	13	12	10	9	7	9	8
7	7	5	4	3	3	3	2	10	11	10	8	8	6	5	6	8	11	21	16	17	11	10	15	21	9
8	21	25	27	24	25	24	32	36	37	25	20	21	18	20	20	11	21	31	36	36	45	45	43	40	29
9	40	43	44	46	45	35	33	28	22	21	17	9	8	7	6	4	6	5	4	3	3	3	2	2	18
10	2	2	1	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	5	8	18	11	6	5	4	3
12	3	2	3	2	2	2	3	6	11	12	11	11	10	12	12	9	12	11	10	9	7	7	6	5	7
13	4	3	3	2	2	2	4	8	12	9	6	4	4	4	3	5	7	8	9	7	6	7	6	7	6
14	5	3	2	1	1	1	2	3	6	4	2	3	2	2	4	4	3	4	5	6	6	4	4	4	3
15	2	1	1	1	1	1	3	7	7	5	4	2	2	2	4	4	4	4	4	4	4	4	4	4	4
16	4	4	2	1	0	1	2	2	4	3	3	4	5	4	4	3	7	14	23	15	13	8	5	6	6
17	4	4	3	2	1	1	0	1	2	1	2	2	4	3	3	3	4	6	7	6	5	5	5	6	5
18	5	5	1	1	0	1	5	16	20	13	6	7	7	7	7	5	10	11	9	8	8	11	13	8	7
19	16	9	8	5	2	5	11	10	10	10	6	7	7	7	7	5	6	6	5	5	5	5	5	5	5
20	5	5	5	5	4	5	5	5	8	11	15	14	13	13	13	19	24	17	9	7	6	5	4	4	9
21	4	3	2	1	1	1	1	4	4	3	5	4	4	4	4	6	9	9	8	8	7	5	4	4	4
22	2	3	1	1	2	1	3	6	10	8	7	7	7	7	9	11	15	17	22	19	26	24	25	27	11
23	25	16	11	7	8	7	7	8	8	7	6	7	7	8	6	5	11	12	10	7	8	5	5	5	9
24	3	3	3	3	2	1	2	10	3	3	3	5	5	5	6	8	11	9	7	5	4	4	4	4	4
25	3	2	1	1	1	1	2	7	6	5	5	5	5	5	5	5	8	10	10	10	5	6	6	4	5
26	3	2	1	0	0	0	3	7	12	8	6	6	7	6	8	9	11	15	17	16	17	18	18	20	9
27	18	15	13	10	7	6	6	7	6	3	2	1	1	0	1	1	1	1	1	1	2	2	2	2	5
28	2	2	1	1	1	1	1	3	3	3	4	4	4	3	3	2	3	3	6	6	7	7	6	5	3
29	3	2	2	2	1	1	3	10	14	10	9	8	7	6	6	6	9	11	12	16	17	18	12	11	8
30	9	6	5	3	2	2	2	4	4	3	3	3	2	2	2	1	1	1	1	2	1	0	1	1	3
MEAN	7	6	5	5	4	4	5	7	9	7	6	6	5	5	5	5	7	9	10	9	9	8	8	8	7

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	2	1	2	2	1	2	2	1	2	2	3	2	1	1	2	2	1	1
3	2	1	1	1	1	1	2	4	6	5	4	4	3	2	2	5	7	8	6	6	4	4	3	3	4
4	2	1	1	1	1	1	2	6	8	6	7	7	7	7	7	15	34	43	36	41	37	65	72	81	21
5	79	62	60	39	14	7	6	12	18	9	11	14	16	16	18	23	23	32	26	28	28	28	29	30	27
6	28	29	21	20	22	26	21	37	38	29	19	19	11	9	6	3	3	16	10	12	22	32	32	29	21
7	25	9	21	31	10	4	4	4	6	5	4	3	3	4	4	3	3	3	3	2	1	3	1	1	7
8	1	1	1	1	2	1	2	2	1	2	4	5	11	13	13	11	9	9	8	7	4	2	2	2	5
9	2	1	1	1	1	2	3	8	7	5	4	5	5	6	6	6	9	12	10	8	8	7	7	6	5
10	5	3	2	2	1	1	3	7	8	6	6	6	6	7	8	9	13	13	11	11	9	8	9	7	7
11	6	5	5	5	5	5	7	14	20	16	20	13	20	16	16	18	21	22	15	18	15	10	11	13	13
12	10	9	6	4	4	5	11	12	22	17	15	17	16	16	19	21	25	26	28	29	25	23	22	22	17
13	15	13	12	8	6	9	12	27	21	20	15	9	16	15	15	15	13	15	13	11	8	6	5	5	12
14	7	5	3	3	2	3	4	10	11	11	7	11	8	6	8	11	17	11	7	10	9	5	4	4	7
15	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	1	2	3	2	2	3	3	3	3	3	4	4	4	15	26	36	40	51	31	32	17	12	13
17	12	10	8	7	6	7	9	15	18	13	13	10	11	10	9	11	14	15	15	18	10	7	5	5	11
18	4	3	2	2	2	2	4	7	13	8	7	7	11	8	8	8	9	13	13	11	11	9	8	9	7
19	DATA MISSING -																4	10	8	13	14	14	16	3	7
20	DATA MISSING -																4	10	8	13	14	14	16	3	7
21	16	14	8	5	3	3	3	6	7	7	8	7	6	7	4	8	12	17	11	10	8	6	6	7	8
22	5	5	5	5	3	4	6	5	6	5	6	5	6	7	6	7	11	10	8	13	9	6	5	6	6
23	3	3	2	2	2	2	2	3	5	12	11	11	10	9	9	11	11	11	16	15	12	9	8	7	8
24	7	5	3	3	2	2	4	9	15	16	17	15	14	14	15	12	15	19	18	14	12	11	13	10	11
25	9	6	5	7	3	2	2	3	3	4	4	3	4	5	4	4	3	3	2	3	3	6	6	9	4
26	9	7	5	5	6	7	7	9	9	7	7	10	8	8	7	6	6	6	4	4	4	3	3	4	6
27	3	3	3	2	2	2	3	4	6	5	6	7	12	12	13	16	14	14	13	10	8	6	6	6	7
28	7	8	4	3	3	3	3	5	6	7	10	8	8	9	9	8	9	7	6	4	4	3	3	3	6
29	3	3	3	2	1	2	3	3	2	3	3	4	4	4	4	6	6	5	7	8	7	7	6	6	4
30	5	4	4	4	3	3	5	8	11	9	7	8	7	7	7	19	28	26	18	19	19	19	19	19	11
31	11	11	8	6	7	9	16	33	43	39	21	17	7	12	19	24	22	8	8	7	8	9	15	8	15
MEAN	10	8	7	6	4	4	5	9	11	9	8	8	8	8	8	10	12	14	13	13	11	12	11	11	9

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNITS - 0.01 PARTS/MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	7	30
FEB	28	3	9	25
MAR	30	2	6	22
APR	11	1	4	24
MAY	16	4	10	33
JUN	24	4	9	34
JUL	31	4	9	27
AUG	31	11	19	48
SEP	26	8	16	71
OCT	7	10	20	50
NOV	30	7	29	46
DEC	30	9	27	81
YEAR	295	6	29	81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT

UNIT - 0.01 PARTS/MILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	299	184	165	55	13	15	7	738
FEB	271	143	96	46	9	12	4	581
MAR	372	128	66	31	6	7	1	611
APR	163	26	13	10	1	4	1	218
MAY	63	87	96	36	4	8	3	297
JUN	97	167	151	58	16	10	8	507
JUL	137	221	203	84	21	25	6	697
AUG	70	79	94	142	88	150	88	711
SEP	100	121	126	89	49	47	51	583
OCT	8	11	44	47	14	13	11	148
NOV	127	156	162	125	42	36	39	687
DEC	85	122	137	141	61	72	64	682
YEAR	1792	1445	1353	864	324	399	283	6460

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	0	0.4	1.2	3.0	5.8	13.5	18.9	27.7	34.2	81	5.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14															14	11	8	9	8	3	0	0	0	0	
15	1	0	4	10	1	1	2	2	11	24	25	26	22	24	21	12	9	9	6	7	7	5	5	10	
16	4	3	7	2	0	0	0	0	0	3	7	9	9	10	13	11	6	4	2	6	14	15	18	6	
17	21	25	17	14	5	5	17	20	24	22	22	26	28	28	28	29	22	10	9	1	0	0	0	16	
18	0	1	4	11	8	9	3	0	0	8	12	13	11	11	7	5	3	3	4	1	3	2	1	2	
19	7	10	4	5	4	1	0	0	0	1	1	1	1	1	1	0	0	0	2	2	4	12	9	8	
20	7	13	18	17	6	3	1	0	0	3	4	8	16	15	13										
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25														17	19	20	18	18	17	17	13	2	1	0	
26	24	9	8	7	1	0	0	0	0	10	14	13	15	17	19	20	18	13	5	5	4	6	8	7	
27	3	0	0	0	1	6	9	6	5	10	14	18	22	23	24	17	22	11	4	4	3	3	5	9	
28	6	7	6	10	15	15	8	7	5	6	6	3	4	9	10	12	7	3	2	13	14	15	15	9	
MEAN	8	8	8	8	5	4	4	4	6	6	10	13	14	14	15	15	12	11	7	5	6	6	6	8	

PERCENTAGE OF DATA VALID - 32

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	13	19	18	20	15	12	7	12	11	10	12	10	0	4	3	4	3	2	1	6	6	4	5	9
2	5	3	2	2	2	2	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1
3	0	1	3	2	5	11	12	12	14	14	14	11	11	11	11	11	10	8	9	6	6	7	15	9	
4	14	15	9	5	0	1	3	1	4	9	4	3	9	6	2	1	1	1	3	6	7	0	0	5	
5	1	8	12	10	8	6	4	5	4	5	6	10	12	13	16	16	11	12	2	1	5	4	4	3	
6	2	1	1	1	0	0	0	0	1	3	4	7	15	14	8	3	1	0	0	0	0	0	0	3	
7	0	0	0	1	3	3	0	0	0	3	6	7	11	16	11	10	10	2	1	2	7	7	5	6	
8	0	1	4	7	9	11	9	7	0	6	5	6	7	9	8	6	5	4	5	6	9	9	9	9	
9	8	8	9	8	8	5	3	2	1	1	1	0	0	0	1	0	0	0	0	0	0	2	8	3	
10	14	11	10	6	3	4	15	15	17	18	20	21	19	19	18	17	16	8	7	7	4	2	1	11	
11	1	2	2	1	1	1	1	1	4	4	9	10	10	7	6	5	5	7	10	8	7	3	3	5	
12	3	4	4	4	6	7	10	10	7	11	9	9	10	16	17	20	19	19	21	20	20	21	17	13	
13	12	9	10	9	12	8	10	7	14	19	17	16	19	18	17	15	13	10	7	3	7	7	7	11	
14	6	10	7	7	4	4	1	1	5	7	9	12	20	10	14	11	14	10	4	7	4	5	5	7	
15	5	11	14	8	1	1	0	0	0	1	1	6	10	7	7	4	4	1	0	0	2	1	4	2	
16	2	2	2	0	0	0	0	0	0	0	0	2	4	8	14	17	17	18	16	17	10	3	2	6	
17	4	5	13	22	24	24	22	21	25	26	26	27	26	26	28	28	27	26	18	18	17	22	21	21	
18	18	17	11	8	3	0	0	0	0	7	10	10	13	13	14	13	8	8	4	4	4	7	9	7	
19	1	1	0	5	9	5	2	2	8	10	12	13	13	13	14	13	8	4	4	4	4	9	7	7	
20	9	10	13	8	2	2	0	0	0	3	8	15	21	21	16	19	8	3	5	8	6	8	10	9	
21	16	21	22	17	15	8	1	0	1	2	14	14	14	14	14	13	15	17	16	9	1	3	2	10	
22	2	7	6	3	1	3	6	6	7	9	14	21	18	24	22	13	12	2	8	14	7	10	7	10	
23	7	9	11	7	5	5	9	12	12	15	16	17	16	15	13	7	4	3	6	12	10	11	14	11	
24	19	15	21	18	16	9	9	9	19	20	17	16	21	21	21	24	25	24	22	20	16	15	12	18	
25	11	11	7	10	8	3	0	4	11	22	17	22	23	19	29	27	26	20	4	1	1	1	2	12	
26	1	0	0	0	0	0	0	0	0	0	1	4	12	8	12	18	16	19	17	16	11	7	8	7	
27	11	17	23	18	14	7	5	4	16	22	15	19	21	21	20	3	0	0	0	1	1	1	1	10	
28	0	0	5	5	2	3	13	12	10	13	14	10	14	16	17	14	14	14	15	17	16	16	14	11	
29	14	15	15	15	15	15	12	11	8	10	9	10	10	7	7	4	2	3	2	3	2	5	5	8	
30	4	4	4	6	6	7	6	4	2	2	4	3	7	9	8	2	2	2	2	1	1	1	2	4	
31	3	3	6	11	19	20	21	20	22	21	18	16	16	16	14	17	18	16	10	3	1	1	1	12	
MEAN	7	8	9	8	7	6	6	6	8	9	9	11	12	14	13	12	11	10	8	7	6	6	6	8	

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	3	2	15	15	13	11	11	8	11	14	13	8	10	14	15	16	19	18	18	4	7	1	10
2	1	1	1	4	8	6	8	8	8	8	8	8	8	8	8	8	8	11	21	20	11	5	8	7	8
3	1	5	9	4	2	2	4	3	3	7	14	11	6	8	16	19	16	10	11	9	19	16	14	16	9
4	17	24	26	23	23	19	3	4	4	5	11	10	16	14	11	5	3	3	3	1	2	8	11	10	
5	12	8	2	7	5	5	2	3	3	4	5	6	4	5	4	4	3	2	2	1	2	1	0	0	4
6	1	1	6	12	12	9	6	8	13	16	17	20	22	25	26	28	27	26	18	14	4	10	9	8	14
7	9	17	18	12	4	8	22	13	4	4	5	6	3	11	11	11	12	13	10	13	15	16	22	21	12
8	19	19	17	14	9	12	15	15	13	8	15	16	20	18	16	17	17	20	20	17	20	19	17	18	17
9	21	20	23	20	11	4	2	7	16	17	18	20	19	21	21	20	22	20	17	18	13	12	1	6	15
10	2	0	0	0	0	0	0	0	0	12	14	18	21	25	28	29	25	24	17	9	7	9	4	8	11
11	8	4	5	8	7	8	6	4	8	7	7	5	8	8	8	8	8	8	8	8	8	8	8	8	8
12	5	7	12	9	7	11	16	19	16	28	24	27	27	24	22	27	30	33	31	26	26	24	27	17	21
13	9	13	14	14	15	10	8	9	9	10	13	22	23	28	31	38	34	34	30	14	6	4	1	5	16
14	7	13	16	5	12	7	12	13	18	15	15	18	26	27	20	19	15	8	11	11	14	19	19	20	15
15	18	15	16	13	19	16	9	5	13	12	10	11	15	14	13	12	14	13	12	4	1	0	0	0	11
16	8	3	1	0	0	0	0	0	0	3	3	20	22	23	27	25	12	13	13	9	0	0	0	0	8
17	0	0	0	0	0	0	0	0	0	7	17	28	28	23	23	37	36	37	36	20	9	3	1	1	11
18	0	0	0	0	0	0	0	1	4	8	10	10	7	6	4	5	4	6	6	4	7	6	8	14	5
19	20	22	22	21	16	10	5	7	8	10	15	17	16	16	21	18	15	14	14	4	3	7	1	2	13
20	0	1	2	5	3	2	2	4	8	14	23	38	45	45	45	46	48	46	34	15	16	18	12	3	20
21	1	0	0	3	15	20	27	24	21	23	26	37	44	43	38	38	40	44	39	30	25	26	28	25	26
22	22	9	16	8	8	15	11	8	8	6	4	3	1	4	4	6	10	26	24	18	14	10	8	7	11
23	5	7	8	7	3	2	1	2	1	2	4	4	4	4	4	2	2	1	4	6	3	3	3	4	
24	7	13	18	20	14	8	3	6	12	13	17	23	25	23	23	23	24	23	9	0	2	1	1	13	
25	0	0	0	0	0	0	0	0	2	3	16	21	18	16	15	12	11	8	2	2	2	0	0	5	
26	0	0	0	0	0	0	0	0	0	6	11	14	22	25	28	46	48	73	68	36	9	19	10	2	17
27	3	19	22	15	11	7	9	23	31	31	38	44	52	68	83	72	69	68	55	46	35	31	27	30	37
28	21	6	5	7	10	11	13	19	18	21	26	8	7	5	4	5	3	3	4	3	4	3	3	3	9
29	2	2	4	4	4	3	5	6	10	8	10	10	16	21	22	19	20	16	15	14	6	2	5	5	10
30	5	7	8	7	7	13	17	16	11	10	6	4	8	8	8	8	8	8	8	8	8	8	8	8	8
MEAN	8	8	9	8	8	7	7	8	9	11	13	16	19	20	21	22	21	22	20	14	10	10	9	8	13

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	0	2	1	0	0	0	6	15	20	24	25	24	9	7	6	8	4	4	7	10	10	9	8
2	13	17	16	11	9	5	4	4	8	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
3																									
4																									
5																									
6																									
7																									
8	12	22	28	27	12	3	6	8	20	15	14	11	12	17	12	13	14	19	12	9	11	10	9	15	14
9	15	8	10	15	14	6	2	1	3	5	5	7	10	9	9	6	6	5	11	10	7	9	8	8	
10	6	9	4	2	0	0	0	0	3	15	21	34	38	26	38	32	27	25	27	18	19	19	14	17	16
11	21	20	23	30	26	22	17	16	14	16	19	16	10	16	26	33	28	24	8	16	9	17	7	18	
12	6	9	21	24	18	12	10	11	10	7	17	22	23	20	21	22	24	21	18	18	17	16	16	16	
13	18	20	20	17	14	9	4	7	7	7	14	14	14	10	8	7	8	4	4	4	3	5	11	17	11
14	22	18	13	17	19	10	16	15	16	16	26	39	39	35	25	17	28	18	13	13	13	7	11	25	20
15	29	21	15	14	9	12	9	7	9	8	14	14	19	14	14	14	30	31	32	28	14	8	5	1	16
16	3	6	12	19	16	12	12	11	12	13	9	14	14	14	12	12	7	9	3	2	2	3	6	4	9
17	4	4	6	4	3	3	0	0	1	1	5	8	5	7	11	10	9	10	9	5	3	1	5	8	5
18	3	2	7	15	15	17	16	16	14	16	24	25	24	26	21	30	24	24	16	18	17	13	8	12	17
19	14	9	16	20	19	14	12	12	16	15	23	27	34	35	37	40	42	38	37	15	5	7	8	6	21
20	3	4	5	3	4	11	19	20	22	21	26	31	37	45	42	45	45	54	52	38	31	28	27	23	27
21	29	34	31	27	10	8	5	10	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
22	63	34	3	1	0	0	0	0	3	9	10	5	14	20	17	16	25	25	19	8	3	1	4	9	12
23	11	9	9	4	2	0	1	4	10	10	16	41	43	42	42	38	42	59	47	48	24	10	32	40	26
24	38	37	23	8	1	6	5	6	13	16	18	17	17	22	21	18	18	18	15	14	10	7	7	6	15
25	7	11	11	12	11	1	5	6	8	13	19	20	22	24	26	27	27	27	25	22	16	10	6	1	15
26	0	0	0	1	7	10	9	18	28	31	35	41	42	40	32	39	42	35	32	33	15	4	8	8	21
27	14	12	6	0	0	0	1	4	10	14	21	25	16	17	21	20	24	26	22	10	3	0	0	0	11
28	0	0	0	0	0	0	0	2	10	10	15	15	16	12	21	25	21	14	13	10	10	7	4	4	9
29	6	8	8	5	0	0	0	0	8	8	15	14	12	10	7	10	13	11	19	16	4	1	2	7	
30	3	0	0	0	0	0	1	4	9	7	8	23	25	23	18	22	26	35	28	19	11	8	19	24	13
31	20	18	15	10	6	5	7	4	7	4	7	9	11	16	20	19	20	21	22	20	9	7	6	5	12
MEAN	14	13	12	11	8	6	6	7	11	13	17	20	22	23	22	22	26	26	22	18	12	10	12	13	15

PERCENTAGE OF DATA VALID - 80

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	7	1	1	1	1	1	2	4	13	26	27	28	32	48	54	43	38	42	29	13	4	3	2	18
2	1	1	1	1	1	1	2	4	7	24	42	53	46	51	46	52	54	50	49	40	22	19	29	37	26
3	27	22	26	13	2	0	0	1	7	28	41	52	59	63	66	48	39	92	47	37	26	12	6	13	30
4	21	28	37	31	20	10	11	***	***	***	31	51	61	44	73	71	74	81	84	78	70	69	58	52	29
5	13	8	5	14	12	7	6	4	***	20	22	37	44	48	49	59	69	67	59	62	59	51	50	43	35
6	38	36	27	27	22	15	9	10	13	18	20	26	31	32	29	29	39	41	43	38	39	40	37	31	29
7	22	22	24	20	19	15	12	***	8	13	21	24	27	31	35	35	42	42	43	29	32	36	36	18	26
8	14	21	20	22	13	10	6	6	7	8	9	12	11	11	12	20	21	24	43	32	24	13	15	17	
9	12	12	9	5	6	6	5	6	6	8	14	21	26	24	24	28	33	29	29	22	19	14	19	21	17
10	16	13	11	10	4	4	6	10	15	18	16	21	22	23	14	16	11	6	3	1	6	12	18	12	
11	17	20	23	22	25	22	17	12	***	***	25	27	28	31	24	13	6	9	15	16	9	2	1	0	17
12	0	0	6	3	0	0	1	7	21	27	29	33	36	29	31	34	39	28	29	7	1	0	0	15	
13	0	2	7	15	16	9	2	2	18	13	20	19	26	14	9	19	30	32	26	25	6	3	1	3	13
14	14	5	4	6	6	4	5	6	5	14	23	29	42	51	***	58	60	65	58	57	50	31	28	34	28
15	36	29	24	32	29	24	16	12	12	13	18	24	19	6	4	13	23	23	27	28	19	8	1	2	18
16	1	0	0	1	5	6	8	11	11	11	13	13	11	8	9	10	13	8	9	6	4	1	1	0	7
17	2	2	2	2	0	1	1	2	6	6	9	***	***	***	2	2	5	5	4	10	4	5	1	1	3
18	1	1	1	2	2	4	1	0	1	1	3	7	11	19	10	15	10	8	1	2	0	0	0	2	4
19	9	34	31	15	17	8	7	4	4	7	11	9	10	10	8	8	10	21	14	9	2	5	2	0	11
20	0	0	2	2	1	0	0	0	4	21	46	69	76	87	68	52	45	62	69	48	26	34	40	42	33
21	36	22	22	16	10	2	7	9	5	3	10	***	***	42	37	36	37	45	40	34	18	13	9	4	21
22	1	1	1	5	8	10	8	11	15	21	28	31	34	34	16	10	19	20	19	16	15	12	11	10	15
23	10	10	11	12	11	11	12	12	14	15	19	18	15	18	21	22	19	15	13	10	5	6	4	5	13
24	9	11	13	10	7	2	1	1	***	10	14	14	13	14	14	13	17	22	25	18	13	7	8	11	12
25	14	17	17	18	12	4	2	3	5	10	13	16	20	21	17	7	8	14	11	12	6	5	5	6	11
26	9	10	11	10	6	1	1	0	1	4	11	17	19	30	41	46	40	48	30	27	14	1	1	1	16
27	0	0	0	0	0	0	1	3	8	16	20	23	23	27	28	27	21	34	22	26	17	15	19	11	14
28	1	1	1	3	5	3	4	0	0	2	12	22	30	39	36	31	32	32	40	44	43	49	40	42	21
29	39	15	5	10	11	1	5	6	12	30	45	51	58	61	67	69	69	64	63	37	28	21	35	36	35
30	48	53	61	56	46	43	30	23	22	27	27	29	28	40	44	41	43	35	32	23	10	3	1	1	32
MEAN	14	13	13	13	11	7	6	6	8	14	21	28	30	34	30	31	32	36	33	28	20	16	16	15	20

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	0	1	1	4	8	24	33	34	43	54	57	56	58	60	42	20	13	8	6	8	22
2	6	2	16	18	22	15	8	***	***	12	3	1	3	4	7	26	41	42	55	55	48	50	48	28	23
3	17	22	16	9	9	5	3	3	6	9	15	24	29	38	49	51	48	52	47	42	36	30	20	9	25
4	11	14	13	19	13	10	10	10	12	17	23	29	35	27	15	17	22	23	25	24	24	29	25	21	20
5	20	20	15	7	6	4	3	5	8	14	***	***	***	34	32	31	32	30	29	26	18	8	3	2	17
6	3	6	8	0	0	0	1	4	8	11	41	48	56	55	46	45	47	45	30	17	10	3	1	1	20
7	0	0	0	0	0	0	0	7	9	16	48	58	86	105	115	117	115	62	77	55	36	33	24	23	41
8	28	26	27	11	0	0	0	0	7	23	51	77	***	80	77	87	81	81	80	81	54	46	50	46	44
9	1	0	0	0	0	0	0	1	8	18	27	41	45	55	50	43	50	70	67	60	45	16	12	24	26
10	30	30	22	38	31	13	3	3	16	25	23	***	***	***	***	***	6	8	9	12	10	11	8	7	16
11	11	8	7	9	12	7	4	4	8	9	12	18	36	28	22	20	24	23	23	16	5	7	8	0	13
12	0	0	0	1	0	0	0	2	6	19	39	50	46	53	***	55	58	59	64	47	37	23	28	5	26
13	8	6	9	6	0	0	0	4	13	31	42	68	83	84	86	74	71	72	69	57	52	50	29	17	39
14	13	22	48	36	25	27	19	18	37	50	64	63	84	86	77	67	51	38	24	16	8	7	6	10	37
15	23	26	26	22	19	12	2	2	7	15	20	27	32	28	24	22	21	21	13	8	9	11	11	10	17
16	10	9	6	2	1	0	0	2	***	***	23	32	37	39	42	44	45	59	62	39	16	8	6	5	22
17	8	3	4	5	1	0	0	5	15	18	25	72	59	50	71	74	69	81	77	68	56	53	57	60	39
18	31	25	23	31	33	37	21	11	27	28	41	51	54	54	38	54	46	34	29	23	12	4	26	36	32
19	29	32	25	23	16	6	2	1	8	***	***	34	39	35	30	23	29	26	25	12	6	8	8	4	19
20	8	6	8	11	9	9	12	10	14	16	12	32	36	28	26	29	27	25	17	7	9	10	11	3	16
21	0	0	0	1	1	1	1	1	4	9	17	39	38	45	50	45	45	48	44	37	22	12	13	16	20
22	19	17	17	18	16	5	2	0	7	19	12	3	13	17	7	9	20	31	34	42	44	35	31	44	19
23	46	43	37	35	37	30	23	19	18	***	10	16	19	22	20	27	30	34	35	31	21	12	5	10	25
24	2	11	19	15	4	0	1	9	***	***	39	44	46	51	50	45	42	52	34	48	31	19	14	1	26
25	3	18	16	7	5	5	1	4	12	20	23	41	52	71	83	94	96	84	74	66	75	74	62	51	43
26	23	12	21	13	8	5	1	3	10	***	26	39	59	74	72	73	77	84	70	62	36	28	29	25	37
27	24	27	27	21	20	24	9	16	28	42	64	68	76	72	75	78	73	58	56	42	14	2	5	15	39
28	14	17	5	12	8	3	3	8	25	17	25	42	59	65	81	82	76	78	77	46	43	59	53	34	39
29	35	38	36	20	31	19	11	5	3	17	26	31	34	40	42	30	29	37	37	23	16	8	5	4	24
30	7	3	1	1	1	0	0	0	2	6	13	16	16	24	27	29	29	29	28	22	18	8	5	4	12
31	4	3	6	4	0	0	0	2	9	16	19	24	28	29	36	32	36	43	36	28	15	7	2	0	16
MEAN	14	14	15	13	11	8	5	5	12	19	28	39	44	49	49	49	48	48	45	37	27	22	20	17	26

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	****	****	24	32	49	60	48	38	10	15	18	3	5	****	1	15
2	1	1	1	2	0	0	0	0	1	10	23	41	67	****	79	(86)	53	54	38	13	27	21	19	20	24
3	35	36	41	38	28	22	13	14	17	16	19	26	36	45	54	53	49	45	30	10	4	3	8	10	27
4	7	1	0	0	1	6	9	3	4	7	11	14	12	15	19	16	15	15	13	10	6	5	8	8	9
5	5	9	7	5	4	4	3	6	7	8	13	17	12	15	15	13	12	14	11	10	0	0	0	0	8
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	33	31	26	26	25	23	8
8	47	44	44	42	37	28	12	****	****	10	20	40	62	57	55	21	66	76	73	61	41	38	43	36	43
9	12	1	0	1	7	2	6	4	12	14	21	39	58	55	50	****	54	52	34	35	32	17	6	2	22
10	0	37	53	47	35	20	11	11	13	29	41	50	58	59	65	(84)	(84)	(84)	76	64	60	56	56	56	48
11	51	43	35	32	30	27	24	22	22	22	24	24	36	34	25	24	22	27	27	20	16	13	12	12	26
12	12	8	3	0	1	1	0	1	4	10	26	38	40	54	54	54	70	60	50	21	12	1	15	19	23
13	20	10	13	6	2	2	1	0	1	****	12	53	59	51	41	36	23	44	44	32	4	0	4	4	20
14	4	8	3	6	8	1	0	1	****	****	****	10	25	51	61	57	55	54	29	2	0	2	0	3	18
15	2	0	0	0	0	0	0	0	2	9	17	25	46	37	73	51	52	58	58	46	28	27	22	15	24
16	12	6	21	24	13	1	0	3	14	19	28	52	72	****	96	90	(82)	56	27	14	10	13	7	10	29
17	6	1	1	1	5	4	4	5	11	10	15	25	39	50	52	51	38	36	48	41	18	5	3	3	20
18	2	1	1	1	1	1	2	4	14	23	37	52	59	63	64	61	62	53	44	55	41	31	24	20	30
19	4	1	1	2	1	0	1	1	4	****	****	53	66	79	74	71	68	51	42	23	4	3	4	13	26
20	14	10	13	13	3	2	0	1	3	26	53	59	82	77	73	81	79	80	72	57	67	62	63	47	43
21	39	39	42	24	19	3	1	0	6	32	59	(81)	(94)	(97)	101	101	(89)	(85)	80	70	78	77	78	68	57
22	52	41	25	20	35	17	2	3	18	19	38	65	(94)	104	93	(84)	(97)	(85)	78	66	57	56	46	44	52
23	36	21	15	16	10	1	0	0	4	19	22	49	62	****	42	22	9	14	7	8	4	1	3	1	16
24	1	0	0	3	7	2	1	1	2	4	9	13	12	22	25	30	29	30	24	16	18	5	1	1	11
25	1	1	1	1	1	1	7	2	4	10	20	42	48	59	75	65	63	62	56	30	13	30	34	38	28
26	40	22	21	37	17	5	1	2	10	25	36	55	****	77	(85)	(82)	(83)	79	64	47	29	17	26	36	39
27	21	21	9	24	39	10	4	4	5	10	****	20	28	31	17	5	5	7	7	7	3	2	6	10	13
28	4	11	2	0	1	3	1	0	3	9	12	17	18	11	12	10	6	3	5	5	3	5	2	2	6
29	1	1	1	1	1	1	1	1	1	1	6	16	23	39	54	38	31	34	34	22	15	4	1	0	14
30	0	0	11	8	3	1	1	2	7	14	****	43	48	70	79	(82)	(85)	80	(83)	53	37	****	****	****	35
31	****	****	****	****	****	****	****	****	****	7	9	13	18	24	27	26	24	23	17	11	5	1	0	0	****
MEAN	14	12	13	12	10	6	4	3	7	13	22	34	44	47	52	48	47	45	39	29	21	18	18	17	24

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	2	4	1	2	6	16	21	25	34	50	48	45	39	24	19	11	5	11	11	18	16
2	20	22	17	23	24	22	24	20	19	22	23	19	15	12	17	14	5	10	10	13	13	10	6	16	17
3	20	10	4	12	9	4	1	2	4	5	****	16	13	14	14	12	7	13	11	7	1	0	0	1	8
4	2	1	0	0	0	0	0	1	2	6	14	22	26	22	16	12	19	15	7	2	0	0	0	0	7
5	0	0	0	0	0	0	0	0	1	8	13	20	20	22	20	18	26	26	17	11	11	4	7	5	10
6	3	1	1	1	0	0	0	****	2	6	15	24	27	36	31	29	33	42	39	32	23	26	25	27	18
7	20	20	2	0	2	0	0	0	3	14	24	33	39	38	34	53	78	78	60	20	16	13	17	12	24
8	6	20	13	21	10	5	6	9	10	13	17	27	50	60	57	49	59	61	48	22	15	3	2	2	24
9	3	3	1	4	6	1	2	1	3	6	16	26	32	47	57	69	62	58	73	47	35	31	34	39	27
10	28	20	12	7	1	0	0	2	1	1	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****
11	2	0	0	0	0	0	0	0	2	3	7	12	18	23	25	24	22	23	22	20	19	7	4	8	10
12	13	12	10	7	3	1	0	0	****	****	****	****	****	****	18	29	33	41	26	4	5	12	19	8	12
13	10	16	4	6	5	1	3	3	****	****	5	7	7	11	10	9	10	10	5	4	4	3	2	2	6
14	1	1	0	0	0	0	0	1	10	20	29	21	20	27	22	20	22	28	18	5	0	0	0	0	10
15	0	0	3	4	9	9	9	7	9	15	19	26	34	40	48	56	50	41	29	18	12	8	4	3	19
16	5	7	9	7	3	1	0	2	6	15	24	26	28	37	49	46	38	29	8	2	0	1	0	0	14
17	1	0	0	0	0	0	0	0	1	****	8	15	33	39	34	32	31	26	29	38	16	15	11	14	15
18	16	22	20	17	6	1	0	3	11	16	14	12	14	21	28	47	45	38	29	4	4	6	5	1	16
19	1	1	2	2	0	0	0	0	3	11	17	31	50	70	65	69	63	46	17	14	17	18	8	19	22
20	21	23	19	13	6	4	5	1	7	12	13	18	17	****	12	9	8	5	2	4	1	0	0	0	9
21	0	0	1	3	8	10	5	0	3	3	10	19	28	28	28	21	27	22	15	6	3	1	1	5	10
22	8	17	21	26	27	28	27	21	23	27	25	24	27	32	30	29	22	18	7	5	3	1	0	0	20
23	1	1	0	0	0	0	0	0	0	0	11	16	21	25	39	37	34	15	6	4	5	3	3	1	11
24	3	4	6	3	4	4	8	11	****	19	23	28	32	33	26	18	16	25	14	10	12	22	26	23	16
25	10	5	9	13	10	6	1	****	13	18	23	24	29	32	27	30	23	10	1	2	2	2	2	17	13
26	0	0	0	0	0	0	0	0	1	10	****	22	34	42	39	43	44	30	13	9	13	27	35	17	16
27	13	11	14	6	4	1	0	1	7	13	21	32	38	58	62	59	50	42	29	19	19	15	11	8	22
28	6	3	3	2	2	1	1	1	2	2	3	6	6	11	14	15	16	12	10	12	14	7	5	7	7
29	5	9	7	10	5	7	3	3	9	8	7	8	8	13	17	22	26	23	15	8	4	5	6	3	10
30	3	3	2	1	1	1	1	0	0	****	6	8	8	10	5	4	4	4	5	4	4	5	3	2	4
MEAN	7	8	6	6	5	4	3	3	5	11	15	20	25	31	31	32	32	29	21	12	10	9	9	8	14

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	6	7	7	8	4	3	4	8	11	14	16	19	15	13	12	7	7	3	4	4	7	7	8
2	12	13	13	12	5	1	0	1	5	12	15	16	18	10	10	9	7	5	4	2	5	2	1	1	7
3	1	1	0	0	0	0	0	0	2	12	13	17	23	28	18	15	8	7	1	0	0	0	0	0	6
4	0	1	3	12	2	3	2	1	3	4	25	17	19	22	29	27	34	22	17	15	8	11	15	17	12
5	15	15	17	18	17	14	8	8	10	15	25	39	59	67	74	62	55	45	31	27	36	8	9	6	28
6	4	6	19	15	18	23	19	16	23	35	47	58	71	68	69	63	65	53	44	26	15	18	19	34	
7	17	20	22	15	13	4	0	0	3	8	12	13	16	20	15	11	7	3	3	4	3	1	2	0	9
8	0	0	0	0	0	0	0	0	0	4	6	7	10	16	21	18	16	13	2	1	1	2	8	4	5
9	3	1	1	2	1	0	0	0	0	1	2	5	10	18	24	26	15	7	6	5	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	9	14	23	19	10	21	19	4	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	1	3	17	57	56	62	66	68	73	61	27	4	1	1	1	6	21
12	9	17	15	11	11	7	5	2	1	1	1	3	3	7	11	7	3	3	7	9	8	3	2	6	6
13	1	0	5	18	17	8	6	6	6	4	8	13	16	15	16	17	18	16	14	7	7	5	6	10	6
14	9	7	9	15	15	16	12	9	6	5	7	5	4	2	1	0	1	0	0	1	3	4	3	6	5
15	2	6	7	6	5	1	1	1	0	0	5	5	9	12	10	9	5	2	1	0	3	2	0	0	5
16	0	0	0	0	0	0	0	0	0	0	1	3	5	10	17	22	20	14	8	1	0	0	3	7	12
17	8	2	1	1	0	0	0	0	2	3	5	16	22	22	18	17	10	9	4	6	6	5	3	13	7
18	20	21	20	17	6	3	1	1	3	0	0	16	13	13	14	14	12	8	5	5	5	9	7	4	10
19	0	0	0	0	0	0	0	1	2	12	19	22	23	23	16	14	12	11	9	10	15	19	11	12	10
20	7	10	18	20	14	7	4	9	13	16	18	22	21	24	24	23	21	15	13	5	6	3	4	15	14
21	4	0	0	0	0	0	0	0	0	4	8	14	17	24	28	23	19	12	1	2	0	0	0	0	7
22	0	0	0	0	0	0	0	0	0	0	11	17	24	30	36	33	30	30	19	17	2	1	3	4	11
23	3	1	0	0	0	0	0	0	5	10	13	14	8	4	8	6	2	1	1	2	1	0	0	0	3
24	0	0	0	0	0	0	0	0	2	7	18	30	30	32	37	31	29	23	13	3	1	1	3	2	11
25	6	4	1	1	1	0	0	0	1	5	10	17	22	22	19	15	11	6	2	2	1	3	3	2	6
26	1	0	0	0	0	0	0	0	1	2	6	11	15	15	26	29	27	10	1	0	0	0	0	0	6
27	0	0	0	0	0	0	0	1	3	7	17	21	29	41	38	34	2	2	0	0	0	0	0	0	8
28	0	0	0	0	0	0	0	0	0	0	28	20	22	35	35	22	23	13	10	3	22	29	14	4	12
29	2	0	0	2	12	9	2	0	0	0	5	3	6	2	6	8	11	5	9	2	3	6	9	5	4
30	18	15	12	12	10	9	2	1	2	4	3	4	2	3	7	9	5	2	1	0	1	1	0	0	5
31	0	0	0	1	2	3	1	1	0	0	2	3	2	4	10	9	5	3	3	2	3	4	6	10	3
MEAN	5	5	6	6	5	4	2	2	4	7	12	17	20	22	24	21	18	13	8	5	5	5	5	5	9

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV

74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	6	2	2	2	1	2	2	2	4	5	7	12	17	21	16	8	2	2	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	4	10	8	8	9	4	4	1	2	0	0	0	0	0	0	3
3	1	2	6	6	8	9	6	3	4	2	2	1	1	2	1	2	0	0	0	0	1	2	1	3	3
4	10	4	5	7	5	2	2	0	0	2	1	1	1	1	1	0	0	0	2	3	5	7	9	13	3
5	11	11	5	0	0	2	5	0	0	1	2	3	2	2	2	2	2	0	0	0	1	2	3	0	3
6	2	2	4	9	5	1	1	0	0	1	2	5	6	6	6	5	6	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	1	2	4	8	6	6	6	2	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	1	2	7	16	21	22	18	0	0	0	0	0	0	0	0	4
9	0	0	0	0	0	0	0	0	0	0	1	9	27	28	50	60	34	3	1	1	3	6	3	2	10
10	1	0	3	3	0	2	1	1	2	2	3	5	6	5	12	13	9	3	0	0	0	0	0	0	3
11	0	0	0	0	0	0	2	3	18	24	25	23	19	16	16	14	8	2	2	1	1	0	2	4	8
12	3	5	4	4	8	4	3	3	3	6	12	19	19	13	8	5	3	0	1	5	2	1	2	1	6
13	1	0	0	0	0	3	3	1	1	3	0	0	2	3	4	4	4	8	5	1	0	0	0	1	2
14	0	2	1	2	5	4	3	0	1	3	6	10	15	15	15	11	6	3	1	1	3	2	1	1	5
15	1	1	3	4	5	8	5	3	10	9	9	9	9	8	4	4	3	1	1	1	2	3	0	0	4
16	0	0	0	0	0	0	0	0	2	4	3	6	8	9	9	6	2	2	1	2	2	9	11	5	3
17	6	6	2	3	3	3	2	1	2	3	6	9	13	15	20	17	13	5	4	5	6	3	3	1	6
18	4	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	2	3	5	6	9	7	6	3	2	1	1	4	4	1	4	2
22	11	16	13	3	1	0	0	0	0	2	3	3	7	9	10	0	4	0	0	0	0	0	0	0	4
23	0	0	0	0	0	0	1	0	2	5	8	9	12	19	19	20	17	18	15	16	14	9	15	9	9
24	17	17	20	16	24	31	26	24	12	7	5	6	2	2	0	0	0	0	1	2	2	6	2	4	9
25	10	15	18	22	25	20	13	3	0	0	15	16	16	8	8	6	7	4	0	0	0	0	1	0	10
26	0	0	0	0	0	0	0	0	0	0	0	0	17	24	24	23	16	5	3	4	8	2	2	3	7
27	5	5	7	13	6	2	0	0	2	4	6	7	7	7	6	2	1	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	0	1	2	2	5	5	5	8	4	4	3	1	1	1	1	0	2
29	0	0	0	0	0	2	1	0	2	4	6	8	11	11	10	16	7	2	1	0	0	0	7	16	4
30	18	20	14	15	7	5	4	3	6	7	11	10	11	10	12	13	13	13	14	15	10	16	16	15	12
MEAN	4	4	4	4	4	3	3	2	2	4	5	7	9	9	10	9	6	3	2	2	2	3	3	3	4

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 47 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	14	14	16	18	17	13	11	13	11	11	11	12	14	14	15	13	9	5	8	12	14	20	19	13
2	20	23	25	26	26	26	24	23	24	25	24	22	22	23	20	17	14	18	23	25	22	22	20	21	22
3	22	20	21	22	15	9	6	4	4	9	7	5	10	12	14	9	6	3	2	1	1	2	0	0	3
4	0	0	0	2	4	2	0	0	0	0	5	13	14	14	11	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	4	8	12	14	10	6	2	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0	5	4	3	4	2	1	0	0	0	0	0	0	1	1	1
8	0	1	0	0	0	0	0	0	0	2	2	4	4	5	6	8	9	9	8	9	11	10	11	13	5
9	16	14	10	14	12	10	6	5	4	9	11	13	14	11	13	11	6	2	1	0	0	0	0	0	8
10	0	1	0	0	1	0	1	1	0	1	3	4	5	5	6	6	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0
12	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	3	2	1	1	1	1	1	2	5	7	4	2	6	5	4	6	3	11	7	3
15	6	2	0	0	0	0	0	0	1	3	4	5	4	1	2	1	0	1	1	1	2	2	4	4	2
16	4	1	1	1	2	5	4	3	1	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	1
17	0	1	2	1	1	1	1	1	0	1	1	2	5	3	3	5	4	2	3	4	2	4	6	7	3
18	5	6	6	7	7	1	1	1	0	2	3	5	6	5	6	3	1	1	1	1	0	2	3	2	3
19	6	5	0	3	7	5	2	2	0	2	1	0	1	1	0	1	0	0	1	1	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	2	4	5	7	3	2	1	0	1	1	0	1	1	0	1
21	0	0	0	0	0	0	0	0	2	4	3	4	4	2	2	1	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	1	4	3	5	5	4	5	11	9	0	0	0	2	2	5	5	3
23	4	3	4	8	6	5	2	6	0	4	5	6	11	12	8	4	1	1	1	1	3	7	2	2	5
24	1	3	8	1	1	1	3	2	1	2	1	0	4	4	5	2	1	1	1	1	0	0	0	0	2
25	1	0	0	3	6	6	14	20	19	16	16	15	16	16	16	14	8	3	1	1	1	0	0	0	8
26	1	3	0	1	2	1	2	1	1	9	15	17	21	23	21	18	9	5	3	0	1	1	1	0	7
27	0	0	1	1	2	3	3	3	3	3	3	5	5	4	4	4	3	3	3	2	2	3	2	2	3
28	2	2	2	2	3	3	7	5	3	7	8	8	8	5	4	5	5	2	4	3	4	7	4	1	4
29	2	2	0	3	5	13	2	0	1	3	5	4	4	3	3	2	1	2	1	0	0	0	0	0	2
30	0	0	5	11	11	11	9	5	2	0	9	8	10	14	11	6	2	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	3	2	2	2	0	0	0	0	0	0	0	0	0	0	0
MEAN	4	3	4	4	4	4	3	3	3	4	5	6	7	7	6	5	3	2	2	2	2	3	3	3	4

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	11	8	16	29
MAR	31	8	21	29
APR	30	13	37	83 1
MAY	27	15	40	90 3
JUN	30	20	50	92 4
JUL	31	26	44	117 22
AUG	31	24	57	104 27
SEP	30	14	27	78
OCT	31	9	34	74
NOV	30	4	12	60
DEC	31	4	22	26
YEAR	313	14	57	117

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	DATA MISSING							
FEB	149	48	23	0	0	0	0	220
MAR	471	199	48	0	0	0	0	718
APR	345	203	86	36	8	1	0	679
MAY	261	182	93	54	8	3	0	601
JUN	272	156	113	112	49	4	0	706
JUL	237	120	118	135	91	23	0	724
AUG	306	100	76	96	107	28	0	713
SEP	365	141	101	66	21	0	0	694
OCT	487	150	55	18	19	0	0	729
NOV	613	76	17	3	1	0	0	710
DEC	624	73	23	0	0	0	0	720
YEAR	4130	1448	753	520	304	59	0	7214

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.7	2.2	7.5	15.7	34.9	50.1	67.9	77.5	117	13.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	0	0	0	0	0	0	0	0	0	2	2	4	4	5	4	2	0	3	3	1	0	0	0	0	****
5	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	6	5	4	2	1	0	0	0	0	1
6	1	2	2	2	1	1	1	1	****	****	****	6	10	9	8	9	11	9	7	6	5	2	4	5	5
7	4	4	6	4	3	2	1	****	****	****	3	6	6	5	8	6	3	4	5	9	10	14	13	13	6
8	13	9	5	5	7	7	6	4	3	****	5	7	7	7	7	7	4	4	3	3	3	3	1	1	5
9	1	1	3	4	3	3	4	2	1	****	3	6	7	10	10	9	4	5	5	3	4	4	5	8	5
10																									
11	4	3	5	8	11	12	8	3	****	****	5	7	7	7	7	6	3	3	2	2	2	5	4	5	5
12	3	3	4	5	8	9	11	14	10	9	10	9	10	8	9	8	6	3	5	5	4	2	2	7	
13	1	2	2	0	2	2	0	0	0	1	3	3	3	4	6	8	6	11	12	13	9	7	9	5	
14	4	4	6	8	6	3	1	0	****	****	1	4	8	7	5	4	1	1	0	1	5	6	11	7	4
15	8	6	12	10	9	6	1	1	****	0	3	3	5	8	7	8	6	4	4	7	7	8	7	3	6
16	8	5	4	4	0	0	0	0	3	2	2	6	17	19	21	17	9	5	1	9	11	8	10	12	7
17	14	12	13	14	14	14	12	10	****	****	11	11	13	13	14	13	10	9	9	12	14	16	16	16	13
18	18	18	19	17	13	12	9	5	****	****	****	4	4	2	****	****	0	0	0	0	0	0	0	0	7
19	0	2	3	3	4	4	3	4	5	5	5	6	7	7	9	9	8	5	2	2	0	2	3	2	4
20	3	3	3	3	2	7	10	13	13	11	8	8	8	7	6	6	5	4	4	4	5	4	4	3	6
21	3	3	6	9	12	8	5	4	****	****	1	1	3	3	2	3	5	8	9	9	10	8	8	8	6
22	7	6	6	6	4	3	2	1	****	****	1	1	2	4	2	2	1	1	2	2	1	2	1	1	3
23	1	1	1	1	1	1	1	1	****	****	2	3	2	3	3	3	2	4	3	5	3	4	2	3	2
24	3	4	4	0	0	0	0	0	****	0	0	0	1	2	5	7	3	2	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26													- DATA MISSING -												
27													- DATA MISSING -												
28	5	4	4	7	5	5	6	****	****	1	1	1	3	4	2	2	1	0	1	****	3	3	6	****	****
29	0	0	0	0	0	0	0	0	****	1	1	2	2	2	2	2	2	2	2	1	2	0	0	0	3
30																									1
31	1	0	0	0	0	0	0	0	****	****	9	9	8	11	12	12	9	9	3	7	7	9	11	11	6
MEAN	4	4	5	5	4	4	3	3	3	3	4	5	6	7	7	6	4	4	3	4	4	4	5	5	5

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	11	11	6	7	7	6	6	2	****	4	4	5	7	6	6	4	5	6	7	8	9	8	11	7
2	12	10	10	9	10	13	13	14	9	15	16	15	16	17	16	16	12	5	5	7	9	10	7	5	11
3	6	6	6	11	11	9	7	5	6	8	9	10	11	10	10	9	10	10	10	9	8	6	7	7	9
4	8	8	6	3	5	2	2	0	0	****	5	7	9	9	9	10	9	7	7	8	7	7	9	10	6
5	8	7	6	3	5	3	0	0	****	****	7	10	12	14	14	13	9	7	7	8	7	8	10	12	8
6	13	14	13	13	13	11	8	9	****	6	7	7	7	6	8	8	5	5	6	7	9	12	11	13	9
7	13	12	12	11	11	13	11	7	7	6	6	4	5	5	5	4	5	5	5	4	6	6	4	3	7
8	2	2	2	3	3	1	1	0	0	0	****	3	3	5	6	5	2	2	0	0	3	3	3	2	2
9	2	0	0	3	3	3	0	0	2	5	6	7	9	9	9	8	6	5	2	3	3	3	3	2	4
10	2	0	0	0	0	0	0	1	3	4	13	10	8	4	3	3	3	5	2	3	3	3	3	2	4
11																									
12	14	13	13	12	11	10	7	7	****	****	8	8	4	6	6	4	1	****	1	1	0	0	0	0	6
13	0	0	0	0	0	0	0	0	0	0	2	4	4	5	7	11	8	6	5	3	2	0	0	0	3
14	15	15	14	14	15	18	14	11	10	****	7	9	16	14	14	14	11	11	9	9	9	5	8	9	12
15	11	9	6	4	5	3	2	0	****	****	****	4	15	14	12	13	13	12	5	0	0	0	0	3	4
16	4	6	8	5	4	3	2	1	0	0	2	4	6	8	8	8	6	4	4	3	4	4	7	5	4
17	7	9	9	8	9	9	8	10	13	14	15	16	16	15	15	15	13	11	7	5	5	3	0	10	
18	0	0	1	2	2	2	1	2	****	****	3	6	12	****	****	****	****	6	6	6	4	2	2	2	3
19	1	0	0	1	2	2	1	1	****	****	0	1	1	1	0	0	2	4	5	7	11	13	13	14	4
20	15	15	16	15	11	6	8	4	****	5	5	5	8	13	14	12	10	8	5	0	****	****	****	****	9
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
MEAN	7	7	7	6	6	6	5	4	4	5	7	7	9	9	9	9	7	7	6	6	7	6	6	6	7

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	12	9	8	10	10	9	6	5	0.000	9	7	6	6	6	5	5	5	6	5	4	7	7	8	7
2	9	9	8	6	5	5	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4
3	3	4	4	7	8	11	12	13	13	13	13	13	10	7	7	7	5	5	4	3	3	3	6	8	8
4	8	9	6	5	6	5	4	3	3	5	6	5	6	8	8	6	4	4	5	6	7	6	4	11	6
5	10	10	7	7	7	6	6	6	0.000	0.000	6	7	9	9	10	10	9	6	2	2	3	0	0	0	6
6	2	0	0	0	0	0	0	0	0.000	1	1	2	4	8	12	7	2	1	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	1	1	1	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	0
10	10	6	3	7	9	16	18	17	15	17	18	19	18	18	16	16	15	12	8	3	1	1	0	0	11
11	0	0	0	0	0	0	0	0	0.000	4	7	9	13	17	14	12	4	6	4	8	13	15	14	13	7
12	13	13	15	20	22	23	20	18	0.000	18	17	17	19	19	20	21	20	20	21	21	22	22	22	22	19
13	22	23	22	23	22	22	19	18	0.000	19	20	20	21	21	21	21	19	19	17	17	13	7	6	7	18
14	7	7	8	7	7	5	3	1	1	0.000	12	11	11	15	18	17	15	10	3	0	1	3	2	1	7
15	4	3	4	8	9	7	9	6	10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	7	7	7	8	8	9	8	7	7	10	10	10	10	10	11	10	9	8	6	5	5	5	5	6	8

PERCENTAGE OF DATA VALID - 61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	17	19	20	18	13	8	11	16	16	19	19	20	14	10	16	10	9	13	15	14	8	13	13	14
2	10	9	2	2	1	3	6	7	9	11	12	13	15	14	12	9	6	9	4	0	0	0	0	0	6
3	1	1	2	2	3	4	6	7	0	11	12	13	12	13	15	17	19	21	23	20	20	18	15	15	12
4	14	7	2	6	9	13	4	0	0	2	0	0	0	0	0	0	11	8	8	7	8	9	10	7	
5	11	9	10	8	8	8	8	0	0	0	0	7	8	7	6	8	9	11	13	12	7	3	5	7	
6	12	17	13	14	17	19	21	20	19	17	16	17	14	16	15	12	10	14	10	9	4	3	1	14	
7	0	0	0	0	1	15	10	10	7	17	16	13	16	16	14	12	13	13	13	12	10	10	11	10	
8	13	14	14	15	14	12	12	10	16	21	23	21	21	22	23	23	20	20	19	19	19	20	18	18	
9	21	21	21	23	22	20	20	20	21	23	22	21	21	22	23	23	20	20	20	14	15	13	9	7	
10	5	6	5	2	2	1	0	0	0	0	15	17	20	19	22	19	18	15	11	6	5	2	2	9	
11	1	2	5	6	1	0	2	0	0	9	4	4	6	4	4	2	5	8	5	4	5	10	11	5	
12	16	20	19	20	19	16	13	13	15	19	19	22	23	21	22	23	23	27	25	22	21	15	3	19	
13	1	2	1	3	2	1	0	2	1	4	7	12	17	22	26	27	29	22	15	5	3	3	2	3	
14	1	0	2	10	8	9	8	9	14	10	12	12	9	15	25	27	25	22	16	15	15	14	14	15	
15	16	16	16	15	14	14	13	12	12	13	14	14	0	0	0	1	1	0	0	1	0	0	0	9	
16	0	0	0	0	0	0	0	0	0	0	0	0	16	19	20	22	14	16	9	3	2	3	1	0	
17	1	1	2	2	2	3	3	5	10	16	18	24	26	28	30	29	30	27	28	27	22	14	11	14	
18	11	13	11	11	8	7	3	12	21	18	16	16	14	14	13	13	14	16	18	21	23	21	21	19	
19	21	23	24	23	21	21	22	17	16	17	17	17	17	16	16	15	11	12	11	8	3	1	0	0	
20	0	1	3	5	3	1	1	11	17	19	16	12	18	31	25	31	21	15	26	17	9	12	10	11	
21	10	11	6	12	10	10	12	10	7	13	14	24	30	29	30	22	17	16	9	3	2	1	1	1	
22	1	2	1	2	4	5	2	2	3	1	0	0	0	0	1	5	7	15	18	14	12	9	7		
23	6	7	5	5	6	5	3	5	7	0	2	3	3	10	16	20	21	21	24	25	23	22	21		
24	35	37	36	37	38	37	36	35	32	33	32	32	34	32	32	30	28	27	18	14	9	5	1		
25	1	0	1	5	6	2	3	5	9	13	24	31	28	20	32	34	27	12	3	1	1	4	1		
26	1	1	1	1	2	1	1	4	22	0	38	51	61	68	68	60	38	43	35	14	10	4	3		
27	1	1	0	0	6	11	37	49	55	63	81	89	87	68	80	83	84	76	64	53	43	44	31		
28	25	15	16	10	11	6	5	14	25	37	50	48	52	59	39	20	12	13	2	1	2	1	1		
29	3	8	13	1	1	2	3	5	7	13	36	46	50	52	60	58	54	40	36	33	22	23	3		
30	1	1	12	20	14	3	4	5	15	16	20	26	30	35	32	37	19	19	14	18	21	9	3		
MEAN	9	9	9	10	9	9	9	11	15	18	20	22	23	23	24	24	22	20	19	15	13	11	9	8	

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS/BILLION														
		STATION - VICTORIA ST SARNIA OAMST										NO 14049										MONTH MAY 74				
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		4	2	3	12	18	17	15	16	29	32	33	36	34	32	31	30	30	33	31	28	16	17	15	20	22
2		10	12	12	17	22	18	16	20	27	34	39	43	45	46	47	47	44	39	32	32	19	29	24	30	30
3		24	21	25	26	25	20	11	6	***	***	***	24	21	35	36	34	38	34	31	27	28	28	23	21	26
4		17	24	25	29	24	27	32	34	32	32	32	36	33	36	37	39	40	41	42	34	29	22	19	18	31
5		20	23	21	20	20	21	24	33	36	32	27	23	23	25	27	30	38	26	27	32	26	30	34	31	27
6		34	31	29	24	28	38	35	24	***	24	24	25	25	25	26	25	26	28	28	22	14	12	16	18	25
7		18	13	20	7	11	10	13	***	24	23	27	28	29	31	32	29	32	35	26	13	4	1	0	0	19
8		0	2	6	13	18	16	9	13	23	26	34	33	31	34	30	28	28	27	29	32	35	29	23	21	23
9		27	32	34	30	32	33	32	27	26	27	25	26	25	29	27	24	26	31	32	27	24	19	23	25	28
10		21	16	14	17	17	10	3	10	22	29	31	35	38	40	36	34	32	36	30	24	13	15	10	14	23
11		7	9	19	21	24	25	26	34	36	39	39	43	40	38	52	62	69	69	43	51	41	27	28	13	36
12		5	3	9	4	3	7	9	6	9	9	14	21	37	40	42	46	38	37	36	26	27	25	24	23	21
13		24	21	23	23	24	21	20	21	***	***	***	25	26	25	29	31	28	26	17	18	18	11	13	16	17
14		22	25	28	27	25	26	23	25	21	27	34	40	62	61	65	58	60	56	30	21	10	17	23	9	33
15		14	43	24	12	24	37	28	31	***	30	37	38	36	31	35	34	***	44	42	29	20	27	16	26	30
16		25	23	23	20	22	22	15	20	***	***	***	***	***	***	***	36	38	46	36	37	41	35	24	15	28
17		13	8	16	14	22	17	13	11	15	19	23	34	44	45	39	29	30	36	22	14	13	17	20	21	22
18		19	8	26	38	40	36	37	36	35	36	35	36	36	37	39	30	32	36	34	32	28	32	32	35	33
19		33	33	32	33	31	28	24	23	25	31	37	40	40	42	43	38	37	36	34	30	28	29	21	22	32
20		10	1	0	3	10	19	20	31	39	41	44	48	51	54	57	53	49	46	41	26	16	5	8	38	30
21		38	29	24	18	15	14	16	14	***	21	41	94	79	93	110	97	75	76	48	55	46	57	38	47	50
22		39	25	23	17	8	9	12	4	27	41	34	41	32	44	39	27	35	56	44	35	41	39	42	47	32
23		46	40	39	40	35	26	23	32	43	45	49	48	50	53	52	52	53	54	50	42	30	24	22	34	41
24		32	28	31	26	20	16	17	20	***	***	***	***	29	29	29	26	25	25	18	16	14	8	6	17	22
25		15	16	12	26	23	16	11	11	15	20	29	31	28	29	34	30	31	28	28	25	20	22	24	16	10
26		10	0	4	15	6	11	12	32	36	37	37	37	37	37	37	37	36	36	31	26	17	15	13	14	23
27		1	0	1	0	0	0	0	5	7	13	21	25	21	11	30	34	34	33	41	37	32	29	4	0	16
28		0	0	2	3	4	5	1	1	***	21	18	18	17	23	32	31	35	40	38	29	29	18	19	14	17
30		12	17	10	16	28	24	20	25	32	31	31	31	29	26	26	26	28	29	20	20	14	8	7	4	21
31		4	27	37	34	32	23	19	12	9	17	32	38	48	43	49	34	27	27	28	25	25	16	12	5	26
MEAN		18	17	18	19	20	19	17	19	26	29	32	36	36	38	40	38	38	39	33	29	24	21	19	19	27
PERCENTAGE OF DATA VALID -		97																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE												UNITS - PARTS/BILLION														
STATION - VICTORIA ST SARNIA OAMST												NO 14049														
												MONTH JUN 74														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1		2	3	0	5	0	0	1	7	9	18	25	26	27	30	33	34	36	42	39	28	6	0	0	15	
2		0	0	0	1	0	0	3	13	27	98	103	38	47	50	61	61	60	50	49	47	40	42	40	34	36
3		34	34	34	20	6	7	10	17	***	44	54	64	72	71	69	59	57	52	28	21	2	7	1	19	34
4		25	31	38	25	19	22	17	15	***	33	44	63	90	98	98	81	57	55	51	62	62	60	58	59	50
5		58	55	47	34	36	34	24	17	***	32	43	46	48	60	64	70	68	69	80	75	81	74	65	55	
6		66	60	50	38	26	18	7	7	***	***	***	***	57	66	65	58	70	76	75	70	63	42	44	50	
7		37	34	26	26	21	18	19	21	28	38	51	62	69	63	54	58	62	61	60	59	47	38	40	43	
8		26	21	16	33	36	24	12	11	14	19	26	20	18	17	35	40	48	35	36	23	34	31	30	26	26
9		18	15	2	3	12	8	9	12	20	19	29	29	33	37	34	35	33	38	42	12	4	9	9	4	19
10		2	1	2	0	2	2	18	***	30	28	36	42	36	38	40	31	29	24	21	11	10	14	12	13	19
11		17	22	26	28	29	31	31	30	30	29	29	32	33	36	34	33	34	26	20	5	6	15	18	19	26
12		16	13	17	18	18	14	16	***	29	31	34	37	32	33	34	31	29	27	27	20	18	15	17	18	24
13		18	11	4	0	1	3	8	14	19	22	26	35	38	36	31	27	36	24	18	15	15	20	17	13	19
14		20	21	20	19	4	1	10	***	***	***	***	50	42	41	39	35	33	32	45	40	37	47	49	31	
15		42	31	27	23	11	17	24	22	14	10	17	20	22	19	18	22	22	8	22	9	2	1	2	3	17
16		2	3	2	1	2	4	8	15	16	16	16	17	17	17	19	20	16	13	11	6	7	5	5	7	10
17		7	8	8	7	6	4	3	3	7	10	14	13	10	8	8	6	5	6	8	2	0	2	7	7	7
18		6	6	3	2	2	2	2	***	***	10	7	17	17	31	36	35	30	29	12	21	14	8	1	12	14
19		22	12	19	22	25	20	***	3	10	6	7	13	14	15	18	23	33	33	28	15	23	16	8	1	17
20		2	0	2	7	19	9	2	10	86	83	41	37	39	44	55	50	28	36	61	41	28	17	27	34	32
21		36	31	32	28	19	10	13	11	***	24	31	34	45	65	58	53	51	43	34	28	19	19	2	0	30
22		3	29	31	30	25	10	14	22	24	23	25	24	21	20	21	21	18	18	17	11	13	15	13	14	19
23		14	13	14	15	15	16	17	16	14	14	15	16	18	18	18	17	16	16	15	13	16	15	15	14	15
24		21	21	20	16	14	14	***	***	***	***	***	***	***	***	25	23	27	27	25	22	20	24	25	24	22
25		30	30	27	30	29	27	22	20	***	***	20	18	19	18	21	22	20	20	22	13	21	14	23	23	22
26		15	23	26	23	20	19	19	21	21	24	23	27	30	34	33	32	37	29	27	13	5	1	2	3	21
27		5	0	0	0	2	4	16	27	27	29	42	38	38	42	40	39	45	47	44	40	37	28	17	20	26
28		11	13	17	16	15	7	11	***	17	21	27	35	44	48	49	55	55	52	54	39	35	28	22	36	31
29		26	15	20	17	23	22	35	35	42	45	53	62	65	66	65	69	64	62	57	43	27	17	27	20	41
30		11	10	18	24	23	35	30	23	22	30	39	45	46	44	39	36	39	34	24	15	8	12	16	14	27
MEAN		20	19	18	17	15	13	14	16	24	29	32	34	37	40	41	40	38	36	35	28	24	22	21	21	26
PERCENTAGE OF DATA VALID		95																								

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	15	11	11	9	6	5	9	16	22	28	23	23	28	32	34	39	39	37	28	17	25	6	1	3	19	
2	0	0	0	0	0	2	3	3	30	22	16	32	16	14	42	61	51	48	52	42	36	23	8	30	23	
3	45	46	47	30	24	35	20	36	54	48	71	91	87	121	108	90	82	74	57	35	10	9	3	2	51	
4	1	1	7	36	26	14	11	22	44	62	78	64	64	42	32	42	36	35	32	25	22	24	18	24	32	
5	22	16	14	16	16	15	3	3	27	28	29	27	30	31	31	34	35	19	9	4	0	0	2	4	18	
6	7	5	3	3	9	6	27	82	63	94	87	74	79	92	93	72	95	73	44	21	21	8	2	4	44	
7	4	4	2	0	0	3	7	13	49	52	49	52	34	40	62	75	87	96	97	66	30	14	15	11	36	
8	22	18	5	5	5	13	11	65	74	63	85	85	83	84	76	74	79	79	84	52	35	27	23	51		
9	23	9	3	4	4	8	13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	39	
10	47	45	39	32	19	20	18	21	38	44	47	41	41	32	30	21	23	22	20	20	20	18	20	21	29	
11	21	22	24	24	22	16	17	20	16	16	17	20	24	22	21	21	22	22	21	14	16	17	18	20	20	
12	15	12	6	8	5	1	2	13	13	13	13	13	45	73	77	83	94	92	78	71	64	5	0	2	3	36
13	2	6	3	3	1	2	9	24	44	62	55	88	105	140	130	118	127	137	126	95	48	22	28	35	59	
14	30	20	14	16	15	16	33	43	62	63	68	65	100	76	85	82	63	34	28	20	5	12	11	25	41	
15	41	38	27	32	31	23	18	18	21	24	24	22	19	19	19	19	19	20	21	19	16	19	17	8	22	
16	12	14	13	12	9	6	10	18	23	25	26	29	27	28	30	33	36	52	43	22	11	6	1	5	20	
17	5	1	0	2	7	6	8	11	10	13	36	14	28	34	35	45	47	42	44	36	42	43	54	55	26	
18	53	40	19	9	7	7	13	20	26	26	24	28	29	26	26	25	19	20	18	17	15	14	20	20	26	
19	53	49	39	37	29	24	25	22	25	24	28	29	26	26	25	19	20	18	17	15	14	20	20	20	26	
20	22	22	23	23	20	17	17	21	22	23	23	22	21	21	21	21	22	24	24	22	18	16	17	20	21	
21	19	16	15	14	14	14	19	25	27	30	34	36	34	34	39	40	38	34	30	25	15	7	2	4	24	
22	10	8	21	17	17	6	4	6	18	43	38	37	39	41	35	29	32	36	36	37	40	51	45	46	29	
23	37	29	30	34	35	38	20	24	41	41	28	35	50	50	50	51	54	53	55	51	40	33	23	25	39	
24	24	19	24	20	22	14	15	17	30	38	38	38	40	43	44	43	42	42	41	40	29	17	5	5	28	
25	0	0	0	20	20	2	6	22	39	41	52	58	39	44	39	36	36	38	25	36	31	28	19	16	27	
26	19	26	36	46	45	35	21	13	30	40	39	47	60	68	64	88	95	69	29	51	40	41	34	29	44	
27	29	17	5	13	13	3	14	19	40	58	65	84	89	73	62	60	42	36	39	22	16	14	15	12	35	
28	14	11	9	5	1	0	5	17	32	35	35	43	51	62	58	59	61	63	59	62	81	59	19	21	36	
29	10	19	18	10	10	9	22	35	48	51	40	40	44	44	44	48	47	41	34	27	20	17	10	13	29	
30	7	15	7	3	3	3	5	9	12	14	21	27	29	32	32	32	34	37	32	23	22	17	5	3	18	
31	10	14	14	14	10	11	14	20	23	27	29	30	29	29	26	26	29	34	30	21	9	12	11	8	20	
MEAN	20	18	15	16	14	12	14	22	34	40	43	45	49	52	52	54	53	49	44	37	27	22	19	20	32	

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	8	9	7	2	3	3	7	12	21	31	34	40	57	76	62	48	46	38	48	30	22	15	24	27	
2	25	13	25	38	39	29	26	36	33	14	20	19	33	35	60	64	56	47	34	34	22	17	7	19	41	
3	28	26	26	25	22	24	22	13	14	20	19	33	35	60	64	56	47	34	34	31	27	7	2	10	28	
4	15	13	9	0	6	5	12	19	24	25	26	24	22	20	20	23	26	25	23	16	17	18	19	14	18	
5	10	8	8	10	10	8	8	12	14	20	21	22	23	22	20	17	17	17	16	9	1	0	0	0	12	
6	0	0	0	0	0	1	8	26	27	46	48	45	63	78	55	43	25	36	30	24	7	0	5	25		
7	0	1	11	11	5	2	11	25	37	48	54	52	41	41	44	48	48	36	16	8	24	25	25	26		
8	29	29	33	34	33	19	13	12	14	16	22	22	26	39	42	38	41	40	41	32	30	32	29	18	29	
9	10	17	18	14	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
10	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
11	- DATA MISSING -																									
12	9	0	0	5	4	4	3	1	12	19	29	31	35	43	42	47	42	42	38	21	43	38	38	20	35	
13	9	0	0	5	4	4	3	1	12	19	29	31	35	43	42	47	42	42	38	21	43	38	38	20	35	
14	15	15	12	11	10	7	3	7	11	13	13	14	15	16	15	14	16	14	14	11	11	5	0	0	11	
15	0	0	0	0	0	0	0	2	9	14	15	18	20	23	25	20	18	19	14	10	7	12	14	13	11	
16	11	23	22	26	16	19	7	7	27	30	41	41	45	44	34	25	16	20	12	11	8	4	10	22		
17	9	9	5	4	5	4	3	4	5	6	9	9	11	12	17	18	20	19	17	9	4	4	3	2	9	
18	1	2	2	1	2	0	1	3	4	12	12	17	18	19	21	21	20	19	15	6	4	5	7	6	9	
19	4	4	7	6	6	3	2	2	34	41	51	55	62	61	52	50	47	35	17	1	1	21	41	27		
20	27	27	18	13	16	6	10	10	10	10	10	10	10	10	10	10	92	88	72	31	53	44	34	32	47	38
21	50	49	52	47	36	21	6	12	78	66	64	68	59	50	44	50	87	102	74	56	49	66	70	73	55	
22	57	50	45	40	36	20	14	15	20	44	56	65	79	70	70	96	69	62	53	41	31	29	21	7	45	
23	5	6	7	5	5	5	2	2	28	35	45	59	63	50	12	10	10	10	10	8	11	11	8	7	18	
24	3	0	4	4	4	3	2	3	3	5	5	6	8	9	8	8	8	7	6	3	2	0	0	0	4	
25	0	1	0	0	0	0	0	1	2	2	2	3	6	7	9	11	10	8	7	6	4	2	3	3	4	
26	2	2	2	2	0	0	0	0	1	22	44	55	75	74	92	81	31	20	28	29	27	15	2	0	26	
27	7	13	13	11	7	8	6	6	19	19	22	20	19	18	15	14	18	20	18	4	5	3	0	0	12	
28	0	0	0	6	1	0	0	14	19	20	23	19	19	16	16	15	16	17	15	12	14	9	7	12	11	
29	13	12	8	7	4	0	0	2	20	20	20	20	18	59	92	63	49	47	52	40	26	32	22	9	15	27
30	19	8	13	20	19	13	7	8	25	24	23	27	32	27	52	79	83	50	51	42	47	42	15	2	30	
31	2	9	24	18	22	29	24	22	21	15	16	18	21	23	23	2	24	24	23	18	12	8	7	10	10	18
MEAN	13	13	13	13	11	8	7	10	18	23	28	32	35	39	39	40	37	33	28	22	19	16	13	14	22	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	6	8	5	3	5	5	***	12	19	23	25	25	24	23	17	19	18	15	18	18	18	15	15
2	15	15	16	16	16	14	11	11	6	12	12	12	12	11	10	11	12	6	9	14	13	13	14	16	12
3	15	15	15	15	17	16	8	4	***	20	22	23	15	14	17	18	19	21	21	19	18	14	8	16	16
4	6	15	12	18	14	11	9	6	11	18	21	19	19	22	22	22	22	15	3	0	0	0	0	13	13
5	0	0	0	0	0	0	0	***	24	24	23	23	24	24	23	22	25	25	20	10	11	14	10	2	13
6	0	1	0	4	15	6	1	3	***	11	17	23	32	37	41	40	41	39	32	17	9	0	0	0	16
7	0	0	0	4	14	5	3	8	15	19	36	37	40	42	42	42	40	38	38	40	39	35	18	20	24
8	17	15	11	10	20	20	8	14	13	18	24	30	32	37	31	29	29	21	16	9	5	0	2	3	17
9	2	2	2	4	3	0	0	0	2	3	4	9	11	13	14	14	14	14	8	5	4	3	3	3	16
10	4	1	0	2	1	0	0	0	66	23	25	41	64	90	89	69	37	34	24	16	15	9	7	6	26
11	2	1	0	0	0	0	0	0	0	0	1	2	9	17	20	22	16	11	6	2	2	0	0	2	5
12	1	0	0	0	0	0	0	0	***	***	***	***	12	16	23	27	35	29	14	15	23	25	15	3	12
13	1	2	9	6	2	8	4	***	***	10	9	14	16	16	15	14	12	10	8	8	9	9	8	9	9
14	7	9	4	4	6	6	4	4	8	14	18	20	20	21	20	21	21	18	15	11	10	7	9	4	12
15	7	2	1	1	1	2	6	9	17	18	15	16	25	26	28	29	29	24	11	11	14	17	15	13	14
16	14	14	14	13	12	8	5	***	13	16	18	20	22	23	23	24	21	11	2	10	13	17	14	14	15
17	12	8	12	9	1	0	1	2	8	16	26	34	37	34	20	21	23	19	23	24	23	19	18	18	17
18	18	18	19	18	17	10	9	***	18	20	20	21	23	24	27	40	42	29	11	2	4	9	11	12	18
19	12	12	9	3	6	4	0	***	***	***	11	18	25	39	24	30	16	43	39	29	17	9	29	24	20
20	21	19	18	16	15	11	10	5	11	12	12	13	11	12	14	12	11	9	7	8	2	2	0	0	10
21	0	3	6	9	11	12	9	6	4	10	15	20	24	26	25	24	22	17	12	11	10	5	13	14	13
22	15	18	20	22	20	20	18	15	18	21	23	20	24	25	25	25	25	24	21	16	10	11	6	2	19
23	8	6	8	8	10	7	0	0	9	13	20	22	25	26	28	32	28	25	18	15	17	20	17	19	16
24	23	11	13	11	12	10	5	2	***	9	7	12	14	11	***	***	31	37	26	21	19	31	22	10	16
25	0	11	6	2	5	4	9	14	23	27	24	20	21	30	33	***	24	18	12	3	0	0	0	0	12
26	0	1	1	1	0	0	0	***	***	***	27	39	56	62	60	64	72	46	36	24	19	5	0	12	25
27	27	37	35	48	63	68	50	48	79	54	31	33	29	22	15	2	0	0	1	4	7	10	21	29	29
28	22	23	17	27	29	26	24	35	29	17	5	3	2	6	4	14	14	22	14	20	19	15	15	18	18
29	21	21	23	33	35	29	25	23	24	20	24	23	22	16	16	11	11	3	0	0	***	***	***	***	19
30	***	***	***	***	***	***	***	***	20	18	9	4	8	8	20	20	20	18	11	7	14	9	11	13	13
MEAN	10	10	10	11	12	10	8	9	19	17	18	21	23	26	27	26	24	22	16	13	12	11	10	10	16

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	14	13	***	***	***	12	16	16	18	19	20	22	19	21	17	11	18	22	23	26	26	28	19
2	30	30	30	30	32	28	23	11	23	26	26	28	29	29	26	28	28	27	20	15	12	17	21	25	25
3	29	28	32	34	31	25	18	11	5	***	***	***	***	***	32	35	26	18	16	20	17	18	19	23	
4	12	11	6	5	8	8	3	***	***	***	4	9	25	16	13	18	17	17	35	34	29	23	2	1	13
5	5	5	2	0	0	3	1	1	3	14	20	23	37	49	59	58	53	31	18	14	11	1	2	1	17
6	0	2	3	6	5	3	12	12	17	29	36	49	39	43	34	36	23	20	13	37	29	25	26	27	22
7	27	27	27	26	22	16	9	6	***	***	24	24	23	24	27	23	22	25	15	3	3	3	8	15	18
8	8	6	13	19	23	10	6	6	10	16	11	12	16	12	8	10	6	18	24	26	28	14	8	14	14
9	16	22	3	1	0	4	1	2	***	17	22	26	35	39	35	31	25	27	10	1	1	0	0	0	14
10	1	2	0	1	2	2	1	4	6	14	23	30	45	53	48	37	39	38	16	6	2	1	1	1	16
11	1	1	1	1	2	1	1	1	***	24	23	37	47	56	59	55	63	90	67	70	20	15	6	1	28
12	1	7	2	3	12	12	11	13	11	9	12	18	36	33	22	16	19	25	26	27	28	32	29	34	18
13	34	29	26	23	23	26	16	15	18	22	28	35	40	42	42	39	36	30	28	25	26	30	26	29	29
14	31	21	12	2	6	7	3	3	3	4	4	9	17	19	17	17	23	22	22	18	16	18	19	14	
15	21	22	25	29	32	29	22	16	21	25	23	25	27	27	27	22	21	21	6	6	6	7	9	15	14
16	5	14	11	12	8	7	4	4	***	29	26	24	35	41	39	45	44	31	23	17	10	7	5	3	20
17	6	30	21	18	12	20	18	12	***	***	28	36	32	30	30	26	27	30	31	37	42	44	43	44	28
18	44	43	43	43	41	37	30	***	***	29	32	35	35	38	36	40	36	36	37	32	35	39	24	26	38
19	28	28	27	22	19	27	21	14	15	37	41	45	45	46	44	47	45	45	41	42	37	43	40	45	35
20	46	46	45	44	43	40	43	38	37	40	37	38	45	48	46	49	46	42	41	43	38	41	28	27	41
21	29	28	28	36	30	20	16	14	23	31	39	38	37	38	***	24	21	13	14	13	11	8	7	8	23
22	7	7	7	8	9	8	6	6	9	13	21	24	25	25	26	33	22	10	9	7	14	26	24	13	15
23	4	25	26	42	51	45	31	22	***	28	35	38	41	40	37	37	39	32	17	19	17	31	26	41	32
24	9	14	13	22	17	21	17	15	19	29	34	28	43	46	56	46	40	39	22	15	18	8	6	7	25
25	2	20	36	38	40	25	21	***	***	***	28	36	36	36	34	34	30	22	18	14	14	10	12	14	25
26	9	22	25	28	26	17	15	13	15	22	34	37	44	47	50	49	45	38	22	19	27	34	32	26	29
27	26	27	29	26	30	28	22	25	39	50	59	64	82	89	75	70	71	39	7	20	21	10	26	40	29
28	42	40	33	37	39	31	23	16	15	***	15	22	39	49	43	40	41	27	35	33	35	49	59	61	36
29	45	42	30	24	22	9	7	7	***	***	11	9	6	11	10	13	12	11	10	11	16	21	17	15	16
30	20	25	31	24	32	33	22	1	0	2	3	3	14	11	6	3	9	3	0	1	0	0	0	0	10
31	0	0	0	0	0	0	0	0	0	2	2	2	4	11	6	6	2	4	8	5	4	2	2	0	3
MEAN	19	21	19	20	20	19	14	11	14	21	24	28	32	35	34	33	31	29	23	20	19	19	17	19	23

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE												UNITS - PARTS/BILLION												
		STATION - VICTORIA ST SARNIA OAMST												NO 14049												
														MONTH NOV 74												
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		1	0	0	0	0	0	0	0	0	0	0	23	28	34	36	35	23	8	3	1	0	0	0	0	9
2		7	9	5	10	12	13	12	10	10	7	7	7	9	16	14	13	9	2	2	2	2	5	4	4	8
3		6	8	8	8	7	9	8	7	7	0	1	2	2	0	0	0	0	2	10	7	7	12	13	5	7
4		12	12	12	12	12	11	10	6	0	6	8	8	8	8	6	4	2	3	3	4	4	4	4	5	7
5		6	7	9	7	4	4	2	0	0	0	3	3	2	2	3	3	2	1	2	3	4	5	5	6	4
6		11	11	10	13	13	11	8	7	5	7	10	11	11	9	8	8	8	9	10	11	13	11	10	10	5
7		5	6	1	0	0	0	0	0	0	0	2	10	15	21	19	15	10	5	1	0	0	0	0	0	7
8		0	0	0	0	1	3	3	2	4	0	12	17	10	30	32	29	8	1	0	0	0	0	0	0	7
9		0	0	1	0	0	0	0	0	2	5	15	24	25	14	13	15	16	13	11	7	6	1	0	2	7
10		9	11	24	18	14	10	9	8	7	6	6	8	9	8	8	8	7	7	6	5	4	4	2	2	8
11		1	1	1	1	1	1	0	0	3	3	3	4	3	4	1	1	2	2	2	4	3	1	0	0	2
12		3	4	5	5	6	4	3	3	0	0	10	18	20	17	17	16	13	14	15	8	4	11	10	8	10
13		6	6	6	7	7	8	8	8	11	14	16	20	21	21	19	17	9	3	3	0	3	1	2	0	9
14		1	4	8	15	11	25	22	22	21	19	16	18	23	23	23	21	20	14	7	7	2	3	6	5	14
15		6	10	13	14	18	14	8	9	9	0	0	0	18	17	10	13	11	14	11	1	2	4	0	0	11
16		6	6	5	3	0	0	0	2	6	10	13	14	10	6	3	6	1	1	0	0	2	2	4	13	5
17		6	1	0	1	1	3	3	4	10	11	17	23	24	27	27	25	14	6	2	3	1	1	2	2	9
18		1	8	9	12	15	15	10	6	0	7	14	15	11	9	9	8	1	0	0	0	0	0	0	0	7
19		0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	2	3	2	0	0	0	0
20		0	0	0	0	0	0	0	0	0	0	0	2	2	3	4	4	4	4	5	6	10	13	15	16	4
21		18	18	17	18	15	13	15	15	15	17	18	21	24	25	25	24	23	22	24	25	27	26	24	18	20
22		14	23	19	25	31	33	25	19	17	0	19	14	10	13	19	14	5	0	0	0	0	3	3	2	13
23		0	0	0	0	0	2	2	2	6	7	7	8	13	11	7	6	22	29	14	2	12	3	2	2	7
24		1	1	2	1	0	0	0	2	2	5	15	8	5	6	6	7	9	16	23	27	28	30	30	30	11
25		30	32	33	35	34	34	33	28	0	26	26	27	28	28	27	25	22	20	21	24	24	24	26	28	28
26		31	31	29	29	30	30	21	15	14	28	36	36	37	37	36	28	11	1	0	0	0	4	14	15	21
27		20	20	12	14	8	4	6	4	6	6	9	9	9	6	5	5	4	3	3	0	0	0	0	0	6
28		0	0	0	0	0	0	0	0	0	0	0	11	10	19	19	22	20	14	9	8	6	9	11	13	8
29		19	19	22	24	27	27	24	16	13	0	0	25	30	26	27	24	12	8	19	15	15	21	25	20	21
30		27	29	25	24	23	19	15	7	7	13	17	17	19	18	18	14	15	15	12	10	10	18	25	26	18
MEAN		8	9	9	10	10	8	7	8	9	12	14	15	15	15	14	10	8	7	6	6	7	8	8	8	10

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

		POLLUTANT - OZONE-CHEMILUMINESCENCE										UNITS - PARTS/BILLION														
		STATION - VICTORIA ST SARNIA OAMST										NO 14049														
												MONTH DEC 74														
HOUR	DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1		28	27	28	26	24	25	25	24	22	19	17	23	22	21	20	21	24	31	34	35	35	34	35	34	26
2		36	36	36	37	38	38	37	32	34	0000	37	33	30	30	35	35	35	39	41	39	39	39	39	36	36
3		35	35	32	32	32	35	34	30	27	28	27	27	27	26	23	20	21	23	27	27	30	31	31	31	29
4		31	32	32	32	28	29	29	23	17	0000	24	22	22	25	22	19	12	13	9	12	8	1	0	0	19
5		0	0	2	2	4	3	2	1	1	3	3	3	3	4	4	0000	0000	0	0	0	0	0	0	0	2
6		0	3	2	1	1	1	1	1	1	0000	0000	10	14	11	9	6	3	0	1	0	0	0	0	0	3
7		0	0	0	0	0	0	0	0	1	4	6	8	13	10	7	3	1	0000	0	1	1	2	2	4	3
8		6	2	1	1	1	2	1	0	1	3	4	3	5	16	19	20	20	21	22	22	23	24	18	21	11
9		26	25	20	28	29	22	17	14	18	15	20	24	22	23	25	19	20	13	11	5	7	10	9	11	18
10		13	16	4	5	2	1	4	6	1	3	4	7	6	6	4	3	2	1	0	0	0	0	0	0	4
11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12		0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1	0	0	0	0	0	0	1
13		0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	1	1	1	1	0	0	0	1
14		1	8	21	22	25	24	21	20	21	19	17	16	13	18	22	17	10	2	3	3	2	12	14	10	14
15		7	11	15	18	11	7	10	14	16	18	21	20	20	17	13	11	10	6	3	2	0	5	3	11	
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										
24		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	12	13	16	13	11	13	16	10	12	14	16	14	16	0000
25		10	19	21	21	15	11	19	21	23	22	23	25	27	30	27	27	22	24	20	18	17	16	12	13	20
26		15	15	16	13	17	12	4	6	11	13	19	20	21	15	11	14	7	2	1	1	1	1	2	5	10
27		4	5	3	1	1	3	1	0	2	4	5	7	6	8	9	10	9	5	4	2	1	1	0	0	4
28		0	0	2	7	5	9	15	16	13	12	17	20	15	9	4	1	1	1	3	4	2	6	15	7	7
29		23	19	17	16	6	3	5	12	7	10	12	13	9	7	5	1	1	0	0	0	0	0	0	0	7
30		0	4	7	12	20	22	18	19	18	19	23	25	23	25	0000	23	19	6	9	10	1	1	1	1	13
31		1	1	3	1	2	8	5	3	1	1	4	3	3	2	3	1	1	2	2	1	0	0	0	0	2
MEAN		11	12	12	13	12	12	11	11	11	10	14	14	14	14	13	12	11	9	9	8	8	8	8	9	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	5	13	21
FEB	20	7	12	18
MAR	21	8	19	26
APR	30	15	50	89
MAY	31	27	50	110
JUN	30	26	55	103
JUL	31	32	59	140
AUG	30	22	55	102
SEP	30	16	29	90
OCT	31	23	41	90
NOV	30	10	28	37
DEC	23	11	36	41
YEAR	333	18	59	140

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	493	52	1	0	0	0	0	546
FEB	350	104	0	0	0	0	0	454
MAR	317	119	25	0	0	0	0	461
APR	287	232	96	44	18	6	0	683
MAY	89	134	225	244	26	4	0	722
JUN	136	178	139	156	71	10	0	690
JUL	126	150	149	162	89	45	0	721
AUG	229	167	96	107	55	10	0	664
SEP	255	237	127	53	12	2	0	686
OCT	175	153	188	178	19	3	0	716
NOV	437	153	90	19	0	0	0	699
DEC	302	107	82	42	0	0	0	533
YEAR	3196	1786	1218	1005	290	80	0	7575

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	1.1	5.7	13.1	22.0	38.6	49.6	67.3	80.8	140	17.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	4	26	31	30	28	26	25	32	36	36	37	36	36	35	34	25	25	28	23	24	24	30	26
2	32	27	30	29	25	24	21	11	24	26	33	33	36	36	32	19	17	26	31	29	30	29	28	24	27
3	25	24	19	16	14	14	16	11	13	14	18	20	23	22	20	21	22	18	12	8	10	18	19	9	17
4	22	28	18	22	16	16	8	7	17	24	27	31	36	35	35	34	26	11	15	11	9	14	18	12	20
5	14	14	15	16	13	7	1	1	8	10	15	20	23	26	25	21	15	11	13	18	17	15	5	1	14
6	0	0	0	0	0	0	0	0	9	14	21	27	25	30	35	32	29	22	17	20	20	13	6	1	14
7	13	11	12	13	14	11	14	18	22	33	31	33	34	33	32	31	24	19	18	20	22	25	24	23	22
8	22	25	23	23	22	21	20	11	12	21	27	31	33	34	35	35	34	31	28	33	31	14	5	1	24
9	10	15	15	17	18	17	16	17	19	18	20	27	29	29	29	27	23	19	18	12	7	0	0	0	17
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	23	20	23	25	28	30	29	24	25	23	20	17	19	19	23	22	18	19	19	33	36	36	35	32	25
16	27	25	31	37	28	40	36	29	31	34	34	32	33	34	34	28	23	20	19	17	20	21	19	23	28
17	18	2	2	2	8	21	28	29	30	18	0	22	34	35	35	35	34	32	29	25	26	28	26	22	24
18	24	25	25	27	30	29	28	28	28	29	28	22	14	8	6	2	1	0	0	0	0	0	0	0	15
19	0	0	0	0	2	4	4	6	9	16	19	17	16	21	23	26	25	15	11	11	12	0	0	0	11
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	19	24	26	28	30	29	28	27	12	17	15	16	20	16	14	7	6	5	8	5	2	1	1	0	15
23	0	1	5	11	11	0	0	0	0	0	0	0	2	8	20	26	25	19	19	20	19	16	13	22	17
24	0	0	0	0	0	0	0	0	0	0	0	0	15	19	27	27	26	20	25	25	25	26	24	20	0
25	18	15	14	10	8	5	2	2	5	10	0	14	17	22	27	29	25	25	27	27	26	16	6	4	15
26	2	4	4	5	3	2	1	1	3	6	8	9	11	12	6	6	5	5	5	5	5	5	5	8	5
27	23	31	33	32	26	26	26	26	25	23	19	19	20	19	16	15	17	13	0	0	0	0	0	1	23
28	0	0	0	0	0	0	0	0	0	0	0	0	15	16	13	13	11	12	9	7	9	0	0	1	0
29	8	23	26	24	25	24	25	16	14	23	26	25	25	23	20	16	9	3	1	3	2	1	1	7	15
30	8	7	9	7	12	11	10	10	14	18	17	19	22	24	25	25	22	21	24	25	25	26	21	17	17
31	18	18	18	21	22	24	24	25	26	29	30	31	28	29	32	33	32	34	33	32	31	29	27	29	27
MEAN	14	15	15	18	18	18	17	16	18	21	22	21	23	24	25	23	21	18	18	19	18	17	15	14	19

PERCENTAGE OF DATA VALID - 77

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	33	33	32	32	33	34	34	34	34	33	32	33	32	29	30	30	30	29	30	30	26	16	2	30
2	1	1	0	1	1	6	7	5	23	35	34	35	35	35	35	35	34	34	34	22	2	0	0	17	
3	1	1	1	2	4	4	9	18	23	25	25	25	25	25	25	23	19	8	2	13	19	19	15	13	
4	10	4	3	2	1	2	8	10	21	28	26	26	27	31	33	33	32	32	29	25	26	29	28	32	
5	32	32	32	31	30	29	26	14	24	27	32	33	35	37	37	39	38	34	28	24	25	22	21	27	
6	23	17	15	5	1	1	8	20	29	31	34	34	31	31	29	28	25	19	22	26	27	27	28	24	
7	1	12	21	30	32	33	33	32	30	31	34	39	41	42	45	45	42	39	32	33	30	30	28	18	
8	14	15	19	24	23	24	21	18	24	23	16	21	26	32	36	36	32	28	24	20	21	19	20	17	
9	19	22	11	14	21	18	12	17	18	19	25	30	37	40	40	42	40	38	37	34	24	25	31	24	
10	22	24	19	29	26	12	9	13	27	33	37	37	34	32	29	27	26	22	19	19	21	22	28	39	
11	39	37	37	35	34	34	34	32	31	32	34	33	36	38	39	36	38	34	27	30	41	40	37	35	
12	32	29	25	19	17	13	12	5	12	16	21	25	25	24	24	24	21	17	10	16	19	11	8	13	
13	17	19	15	24	22	21	21	15	14	22	26	31	39	51	49	39	42	40	34	27	29	30	32	35	
14	35	38	39	39	38	38	36	34	32	31	26	25	28	34	34	32	30	13	1	0	5	6	11	17	
15	25	32	32	31	29	23	22	23	22	21	23	25	27	28	32	35	36	32	31	30	26	21	21	15	
16	13	6	4	6	9	16	15	13	27	27	25	22	18	17	19	29	35	36	37	24	21	22	22	20	
17	21	20	24	32	35	40	37	38	38	38	38	38	37	36	37	37	37	37	36	36	38	39	40	39	
18	35	33	27	26	23	17	13	15	7	17	35	39	38	39	39	35	29	32	35	32	28	23	14		
19	15	14	16	16	15	14	12	14	15	15	16	18	22	28	27	25	24	23	22	20	16	5	10	7	
20	8	10	13	18	26	36	42	42	41	41	42	42	43	45	45	48	48	49	49	9	8	10	5	8	
21	16	22	14	17	16	10	7	5	4	13	18	25	26	35	44	44	38	24	34	37	33	31	26	21	
22	21	17	16	15	17	20	22	21	15	16	35	40	39	32	21	16	13	14	23	30	37	39	40	41	
23	39	40	40	40	40	40	40	40	39	38	38	38	38	39	38	38	38	37	38	37	36	37	37	34	
24	34	32	29	30	28	29	27	26	26	30	32	30	32	31	35	36	37	37	35	28	14	22	30	32	
25	32	33	35	37	36	35	36	35	32	34	33	35	36	38	40	42	41	40	38	37	37	36	40	36	
26	30	31	27	25	27	26	24	24	27	32	37	42	43	41	37	39	37	38	45	48	47	47	44	42	
27	41	36	29	21	20	17	18	21	23	27	29	30	32	36	41	43	42	40	36	35	36	33	32	31	
28	31	31	31	35	37	35	35	35	35	36	36	39	37	36	34	29	29	29	29	31	27	24	28	23	
MEAN	23	23	22	23	23	22	22	22	25	28	30	32	33	34	35	35	34	30	29	27	26	25	25	24	27

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	34	33	31	34	41	43	39	38	36	36	35	34	33	33	33	33	31	33	33	20	25	32	30	33
2	31	27	17	18	18	18	18	19	21	19	18	18	16	14	12	9	6	4	1	1	0	1	1	1	13
3	1	1	0	3	7	10	10	10	9	10	17	26	33	35	43	48	48	51	49	45	44	42	39	36	26
4	34	31	35	39	37	28	25	12	13	29	18	26	33	30	28	26	21	12	12	27	30	33	37	23	27
5	16	13	17	17	23	39	40	39	29	28	31	35	31	34	36	37	38	37	39	42	44	43	41	22	32
6	19	23	25	23	23	22	20	18	21	27	31	31	34	35	31	31	30	24	23	22	22	23	26	27	25
7	28	27	26	23	22	19	21	20	22	29	32	39	42	45	45	44	44	41	37	30	32	31	25	24	31
8	27	27	22	18	19	25	33	35	32	30	30	33	32	33	33	33	34	36	37	39	36	34	32	29	31
9	26	24	24	24	24	21	19	18	18	17	17	17	17	14	10	13	9	16	19	16	8	9	4	19	17
10	26	31	35	39	40	42	41	39	38	38	38	39	39	39	39	39	39	37	35	31	27	27	22	19	35
11	21	20	12	13	13	12	4	1	13	32	33	****	32	34	35	35	32	20	9	18	20	18	21	22	20
12	24	21	23	35	35	32	34	37	36	36	37	38	39	39	33	37	38	38	37	37	37	37	36	35	35
13	34	34	35	36	36	35	35	35	35	35	36	37	38	38	38	38	37	36	34	32	34	34	34	33	35
14	32	30	29	28	27	25	26	27	30	31	33	34	36	37	37	37	38	39	39	24	10	23	26	32	34
15	34	27	23	14	4	4	4	8	****	26	24	25	27	28	25	28	25	17	19	22	22	22	23	19	20
16	11	12	14	15	15	14	13	14	15	17	16	16	12	13	24	31	42	43	44	45	44	44	43	24	40
17	43	43	43	42	41	40	39	39	38	39	39	39	38	39	40	42	43	43	42	41	39	37	35	37	40
18	40	39	39	38	37	35	36	34	37	36	38	37	41	41	39	36	34	40	41	36	34	35	35	31	37
19	30	28	24	22	19	16	18	30	37	38	39	40	40	40	40	40	40	39	38	38	37	38	38	38	34
20	36	33	30	26	26	26	13	28	39	40	****	40	41	42	42	43	42	38	39	38	33	26	27	28	34
21	27	27	29	31	31	36	35	34	22	26	31	35	43	46	45	46	45	45	43	43	30	30	31	31	35
22	32	29	29	27	27	31	37	37	38	39	41	41	42	37	40	36	34	33	29	30	31	36	34	28	34
23	28	28	23	23	19	23	30	34	31	29	33	34	35	35	36	37	37	38	40	40	41	41	42	43	33
24	42	42	41	43	43	42	40	38	39	38	38	40	41	38	40	39	41	41	41	40	36	35	33	29	39
25	24	29	26	29	27	22	14	20	23	****	32	34	35	36	38	37	41	39	38	40	29	24	35	37	31
26	33	26	20	16	14	18	19	22	25	27	29	29	26	25	48	50	48	48	48	46	44	44	43	40	33
27	22	23	27	15	3	13	23	34	44	43	45	46	46	46	47	47	47	46	45	42	42	40	40	39	36
28	38	35	29	28	28	40	40	40	36	34	42	42	42	42	42	41	41	41	39	36	34	32	31	29	37
29	29	30	32	31	32	33	33	32	****	30	30	28	27	25	25	24	22	19	17	15	14	19	19	19	26
30	22	22	20	16	18	13	14	17	17	15	21	22	23	23	23	24	24	19	14	16	14	4	2	2	17
31	2	9	9	4	2	5	17	18	28	30	33	34	35	36	37	37	38	39	39	39	37	30	22	26	25
MEAN	27	27	26	25	24	25	26	27	28	30	31	33	34	34	35	35	35	34	32	32	30	30	30	28	30

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	25	24	21	21	24	28	29	29	26	31	32	34	35	30	33	31	38	38	35	32	32	30	27	30
2	28	25	25	26	24	26	22	19	22	24	30	36	37	45	44	47	51	51	51	49	48	40	35	36	
3	24	24	22	20	21	19	16	12	24	27	32	35	37	37	37	30	41	40	42	46	56	55	51	46	33
4	40	32	28	32	44	46	43	38	37	40	40	45	48	49	55	57	56	52	39	25	21	21	18	18	39
5	19	19	17	17	29	29	31	28	29	28	29	28	29	29	29	29	29	30	29	25	25	26	28	29	27
6	30	31	30	31	38	40	40	40	40	40	42	42	43	44	46	46	45	45	45	39	40	38	36	32	39
7	32	32	29	29	29	29	32	34	36	39	38	36	35	40	39	40	36	38	36	34	36	38	36	33	35
8	33	31	30	28	23	23	23	22	32	38	***	38	39	39	39	37	39	41	40	40	40	41	39	39	35
9	39	38	37	37	32	20	20	27	27	27	31	32	35	35	37	38	29	29	19	24	29	28	31	33	31
10	32	33	33	33	33	30	29	33	38	45	46	47	50	51	52	54	50	47	46	41	39	36	39	42	41
11	43	38	29	15	8	6	7	11	22	31	34	34	38	34	32	26	23	21	19	28	36	34	39	39	27
12	36	24	17	23	28	28	29	32	34	42	41	38	37	39	37	39	37	37	37	33	33	33	32	20	33
13	26	34	36	36	33	31	30	30	30	31	35	39	45	49	53	57	59	59	58	58	56	54	53	46	43
14	44	47	35	26	26	29	28	30	29	29	29	33	38	35	54	59	55	52	45	37	28	25	27	26	36
15	26	26	27	28	29	29	29	29	30	29	31	31	31	33	35	35	36	36	37	36	36	34	32	29	31
16	28	28	26	24	24	24	21	25	27	34	38	39	39	40	40	40	40	39	37	31	36	33	34	36	33
17	39	40	43	42	39	33	28	28	33	38	38	41	45	48	50	55	57	55	56	56	55	54	53	45	45
18	39	36	32	35	36	35	30	29	35	40	51	54	49	43	39	39	37	37	28	18	21	22	19	29	35
19	35	36	35	33	30	28	29	27	24	****	24	30	35	38	42	40	38	39	39	27	18	13	20	29	31
20	18	16	18	22	21	17	14	28	34	36	40	40	42	47	50	49	44	37	35	24	29	31	38	42	32
21	54	52	43	40	40	30	22	23	31	38	52	59	66	74	74	70	70	68	65	66	66	64	61	57	54
22	52	52	50	50	49	47	41	40	37	35	31	34	34	32	28	28	31	36	35	22	37	34	30	38	
23	26	19	16	15	14	11	12	10	12	12	14	18	18	18	21	24	25	26	24	26	28	29	31	32	20
24	35	37	37	37	36	34	32	32	32	32	32	36	38	38	38	37	40	40	38	29	22	18	13	15	32
25	22	22	22	23	27	24	21	27	30	33	37	41	42	42	42	42	42	42	42	42	42	36	35	34	28
26	25	21	17	15	14	12	9	16	29	****	44	51	40	56	61	66	67	65	67	64	48	54	50	36	40
27	32	17	11	20	19	17	21	50	60	72	72	72	72	77	80	(90)	(84)	71	54	46	53	57	71	68	54
28	59	54	53	52	49	47	46	46	49	53	57	62	65	65	65	62	57	45	37	37	39	37	34	29	50
29	28	28	27	***	***	***	***	***	***	33	39	39	40	38	41	43	46	50	49	42	32	32	29	30	37
30	30	33	29	25	22	17	14	18	28	38	35	43	39	48	49	42	42	42	38	32	32	29	35	25	33
MEAN	33	32	29	29	29	27	26	28	32	35	38	40	41	43	45	45	44	43	41	38	36	36	36	34	36

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	28	23	20	17	14	16	18	24	32	34	36	36	34	34	34	36	39	35	29	26	25	14	19	27
2	21	21	21	17	14	10	13	18	24	21	35	39	43	40	26	28	29	30	30	27	25	19	18	18	24
3	17	16	26	27	24	22	22	19	24	23	22	22	22	22	33	40	38	35	27	28	29	30	30	29	26
4	29	29	28	28	28	28	29	28	28	28	31	34	36	38	32	32	34	36	30	28	27	24	26	30	30
5	22	21	17	12	15	20	15	16	28	33	36	38	40	41	43	42	42	52	42	42	43	43	39	34	32
6	32	31	34	32	32	34	35	35	37	37	37	33	34	34	34	33	33	33	33	34	34	33	33	32	34
7	30	28	23	20	20	22	27	29	30	31	32	34	34	34	35	36	38	38	39	38	26	23	15	11	29
8	10	15	10	23	17	23	13	19	33	34	40	41	41	42	43	40	44	44	44	39	31	32	30	30	31
9	29	24	20	20	21	19	18	26	16	23	27	25	24	23	26	29	30	31	26	24	22	27	29	29	24
10	34	34	32	28	26	23	25	30	32	36	38	41	43	44	41	40	42	40	36	29	14	22	17	15	32
11	30	32	30	30	25	28	26	27	40	40	45	46	50	55	60	60	45	41	38	36	42	52	49	49	41
12	45	46	43	39	37	39	42	35	37	35	37	38	39	42	44	44	44	43	45	42	38	37	32	30	40
13	29	28	28	27	26	26	25	26	26	29	31	31	31	31	32	30	35	35	35	28	25	26	24	19	28
14	29	29	29	28	27	25	27	30	32	36	46	60	73	72	71	73	73	69	63	58	49	35	36	42	46
15	50	48	50	52	51	49	44	42	43	39	40	41	55	52	52	52	53	53	52	43	38	35	31	30	46
16	29	28	21	21	18	19	15	24	25	37	41	46	44	32	34	32	33	36	38	35	35	30	15	18	29
17	18	18	19	23	28	24	14	16	18	20	26	34	44	51	57	54	54	54	48	41	38	34	31	39	34
18	41	40	41	38	36	36	36	36	36	37	43	48	54	57	54	52	52	58	56	51	47	45	32	30	44
19	30	30	28	25	29	32	31	30	30	31	31	32	33	33	37	42	43	43	42	39	34	31	28	25	33
20	26	28	25	21	19	19	18	23	28	36	35	37	46	47	47	46	45	45	43	42	40	36	36	32	34
21	73	77	84	72	40	26	38	51	50	53	53	64	57	73	72	80	56	43	41	42	38	32	30	30	53
22	30	29	28	27	26	24	28	31	34	44	52	56	58	51	51	54	57	60	54	51	42	33	38	39	42
23	35	39	45	42	40	34	31	30	30	32	40	40	40	41	42	40	40	42	38	34	26	25	20	17	34
24	18	20	21	23	24	16	25	35	39	41	41	42	42	43	45	38	32	32	30	29	24	23	23	23	30
25	28	31	30	30	28	25	27	28	37	40	40	39	40	43	44	43	42	46	48	41	38	31	26	21	35
26	16	16	11	8	9	12	18	28	35	35	34	34	37	39	41	44	49	49	50	46	12	13	11	13	28
27	21	21	16	14	15	13	24	29	43	44	46	56	70	63	70	68	63	62	57	61	59	54	57	54	45
28	44	39	44	47	45	43	39	33	29	30	35	41	54	57	59	61	62	60	56	46	39	36	29	33	44
29	20	22	22	21	19	19	24	27	43	56	64	70	79	83	87	84	78	78	73	61	41	39	46	59	51
30	51	49	47	43	42	35	29	33	32	40	50	60	59	60	60	66	67	68	54	41	42	40	40	40	48
MEAN	31	31	30	29	27	25	26	28	32	35	38	42	46	47	48	48	47	47	44	40	34	33	30	30	36

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	37	35	33	29	29	27	25	27	29	31	32	35	38	40	43	43	43	46	46	37	28	30	23	7	33	
2	11	10	12	17	16	12	14	27	32	32	41	45	46	47	49	51	52	53	51	43	25	15	18	36	31	
3	27	25	28	45	65	54	41	32	35	56	67	70	68	71	77	81	80	83	80	79	68	52	36	33	56	
4	33	40	48	55	43	36	23	27	39	50	73	77	83	61	80	81	76	82	82	65	34	34	53	59	56	
5	87	81	69	57	52	37	40	45	49	60	72	84	88	93	87	80	90	94	85	76	74	77	93	79	73	
6	59	49	46	41	38	33	34	39	41	46	53	59	68	70	71	70	67	64	66	60	58	56	57	57	54	
7	57	62	67	70	69	65	63	65	62	64	58	59	56	54	55	57	65	68	63	61	61	60	60	56	62	
8	49	42	42	47	47	46	45	45	44	47	53	58	63	68	65	63	62	66	59	50	41	34	38	39	51	
9	18	26	25	28	17	11	10	13	20	30	35	45	55	54	61	62	62	61	57	53	45	41	38	36	38	
10	31	26	23	23	20	19	21	24	30	40	46	45	44	49	53	54	54	54	51	47	42	38	35	27	37	
11	20	16	16	22	25	28	31	34	36	40	39	42	41	38	40	46	52	62	66	52	43	43	45	45	38	
12	43	35	28	28	23	19	24	29	36	45	48	49	49	51	51	51	53	60	59	51	29	25	23	16	39	
13	26	43	41	39	37	26	25	33	47	57	57	62	60	65	64	60	56	54	53	39	17	30	37	43	45	
14	39	37	29	30	31	29	28	43	53	54	53	65	73	70	68	85	87	74	89	72	59	54	70	59	56	
15	52	46	54	56	52	48	45	46	40	41	28	35	42	61	70	57	48	45	50	55	54	49	41	37	48	
16	53	49	43	49	42	40	34	30	36	41	46	52	57	60	56	61	59	46	42	40	38	36	32	23	44	
17	22	18	14	11	7	7	12	15	19	28	33	33	32	39	44	42	52	52	45	44	44	35	28	35	30	
18	36	35	32	37	33	22	14	17	20	24	26	35	41	51	61	66	61	61	59	57	56	51	45	45	41	
19	46	45	49	48	46	35	29	25	23	30	32	31	24	31	36	41	40	44	46	42	34	43	44	42	38	
20	42	42	39	35	24	21	32	42	53	62	56	53	60	63	65	65	63	64	62	52	33	36	26	74	49	
21	75	89	81	64	58	37	36	29	38	49	56	55	49	42	55	67	68	79	98	92	82	60	48	40	60	
22	39	36	33	31	28	24	25	28	32	33	39	43	45	45	44	44	41	39	35	32	30	29	26	23	34	
23	21	19	14	15	17	17	21	21	26	29	31	35	37	38	39	39	39	38	35	33	27	25	22	21	27	
24	21	21	19	19	18	19	20	21	22	24	28	35	39	39	39	39	40	41	40	39	36	30	25	24	29	
25	25	26	26	22	21	22	21	19	24	23	31	44	51	64	46	41	33	33	36	39	37	28	23	22	31	
26	17	17	18	15	18	21	20	27	34	42	51	59	55	53	50	50	50	52	48	39	35	25	25	20	35	
27	24	27	23	19	17	17	21	31	44	50	53	56	63	78	76	60	68	69	56	46	45	43	42	37	44	
28	33	29	28	26	24	23	21	26	30	37	53	71	75	76	69	81	73	60	69	83	79	59	50	46	51	
29	46	67	70	60	57	53	53	49	56	58	61	62	62	75	76	69	81	73	60	69	83	79	59	50	46	51
30	78	74	76	76	76	80	80	77	75	81	85	89	89	86	87	92	92	98	97	95	94	88	101	99	86	74
MEAN	39	39	38	37	35	31	30	33	38	43	48	53	55	58	60	61	61	61	59	54	46	42	41	40	46	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	32	36	32	30	28	34	34	42	45	52	61	67	69	81	62	52	54	68	88	88	85	81	77	55
2	66	57	75	65	55	53	53	55	57	65	70	74	75	77	59	53	52	53	53	55	52	52	63	66	61
3	67	71	70	68	65	59	53	53	55	58	64	76	87	93	103	104	104	93	86	75	64	64	74	61	75
4	61	67	63	58	53	48	47	50	57	66	75	84	86	76	84	97	92	90	71	58	56	48	40	41	65
5	40	37	35	32	32	27	24	24	20	21	25	31	37	40	37	34	35	34	37	36	31	27	24	16	31
6	13	18	16	14	9	5	9	17	23	29	33	38	43	47	45	41	39	39	38	23	9	15	12	7	24
7	33	30	25	16	19	16	18	32	44	55	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8																									
9																									
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27																									
28																									
29	27	15	16	16	16	12	11	15	32	27	40	39	34	47	57	63	62	53	47	39	36	31	26	22	33
30	19	20	15	12	8	6	7	17	31	32	30	33	33	38	48	43	39	48	35	22	19	38	28	19	27
31	10	11	12	17	16	13	14	18	26	31	33	35	39	41	59	62	70	72	63	51	51	46	14	28	35
MEAN	37	36	36	33	30	27	27	32	39	43	48	53	56	59	64	62	61	60	55	50	47	47	40	37	44

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	18	21	27	22	16	12	13	25	31	34	39	50	51	46	47	47	48	41	36	20	****	****	****	32
2	60	54	64	76	64	42	50	47	48	48	51	56	67	68	67	76	80	76	74	63	35	27	62	64	59
3	51	32	34	41	37	31	37	36	29	29	29	42	45	45	46	46	37	43	38	33	35	34	28	27	37
4	26	21	17	13	11	11	11	18	23	32	34	35	35	39	39	39	39	36	35	27	12	18	15	10	25
5	3	4	19	16	15	10	5	27	28	41	50	58	55	55	51	54	59	63	44	25	30	32	35	16	34
6	14	8	19	16	15	10	5	27	28	41	50	58	55	55	51	54	59	63	44	25	30	32	35	16	34
7	25	20	27	28	29	27	31	24	12	21	40	42	46	47	54	54	55	56	41	37	42	36	32	28	36
8	24	25	17	21	17	16	22	21	30	40	51	65	74	73	70	72	67	63	58	53	42	29	24	17	41
9	14	12	11	11	13	20	34	42	46	49	48	48	55	54	62	65	66	57	49	44	42	41	40	39	40
10																									
11	37	35	29	30	31	21	31	51	62	67	71	78	81	77	70	68	68	71	68	65	65	57	47	32	55
12	32	29	23	19	15	11	11	11	13	21	30	36	42	42	57	63	64	60	65	76	77	68	54	49	40
13	46	32	40	32	26	20	23	15	14	22	29	57	72	75	69	70	63	56	48	39	34	33	30	25	40
14	20	16	14	11	9	6	7	9	13	16	21	25	30	36	43	54	64	70	56	31	27	21	29	27	31
15	33	24	14	9	5	5	5	8	13	23	34	44	46	51	56	54	56	56	40	33	34	32	36	27	31
16	21	22	24	19	16	10	10	27	40	57	64	65	67	89	96	88	94	88	71	56	66	57	53	64	53
17	64	63	56	54	44	31	31	48	54	57	60	56	53	50	53	53	53	49	49	49	38	21	22	48	
18	29	18	32	19	12	13	11	26	44	54	56	65	61	55	58	58	57	60	63	59	54	62	69	57	46
19	58	51	52	49	50	33	16	32	****	61	70	71	68	67	81	84	76	80	77	72	77	82	83	56	63
20	56	53	36	47	34	38	19	20	25	50	66	62	81	75	69	64	76	83	66	49	55	49	54	68	55
21	67	67	71	60	40	36	20	15	36	55	64	71	75	64	95	96	102	93	85	60	33	51	46	70	62
22	69	70	71	45	35	26	24	32	53	68	83	69	90	93	100	103	97	99	97	79	67	47	71	66	70
23	73	74	71	64	46	13	4	19	52	63	69	76	81	83	92	89	97	78	70	60	47	30	24	22	58
24	21	20	19	17	13	10	7	11	15	21	26	28	31	30	32	32	34	36	29	22	11	8	8	4	20
25	4	5	3	0	0	0	2	6	16	46	58	59	59	59	61	61	64	61	54	26	22	21	35	38	32
26	42	33	27	18	18	16	11	16	35	54	75	75	80	85	82	79	93	94	102	87	74	83	86	72	60
27	61	56	55	55	51	47	34	41	46	48	44	55	65	66	63	52	34	37	34	35	29	26	24	23	45
28	20	17	13	12	10	14	16	19	21	26	27	28	29	34	35	34	34	23	30	40	33	34	30	25	25
29	6	3	7	11	10	10	8	6	8	19	30	32	30	34	38	46	48	46	43	31	31	26	22	32	24
30	36	34	35	26	32	31	21	19	31	36	44	65	64	63	82	80	84	83	84	76	66	61	69	73	54
31	63	54	54	55	64	66	67	64	59	60	53	50	51	57	49	50	49	45	40	31	30	34	29	21	50
MEAN	37	32	33	31	27	22	20	25	33	42	48	54	59	61	63	64	65	64	57	49	44	42	42	39	44

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	6	5	1	3	8	13	19	17	20	18	21	31	38	40	40	41	38	37	33	27	25	22	25	23
2	27	26	23	19	18	14	13	17	18	23	26	24	29	30	30	25	17	18	17	23	22	27	26	23	22
3	21	20	20	22	23	21	15	14	12	10	10	21	26	29	35	36	37	35	25	19	13	11	13	11	21
4	11	12	12	15	12	8	10	18	24	29	32	34	40	40	40	37	37	33	22	17	10	19	10	3	22
5	3	12	8	2	6	11	7	17	20	29	32	33	41	47	46	48	45	42	36	34	19	23	21	16	25
6	14	10	11	11	8	8	7	7	19	36	46	52	54	56	56	58	62	60	51	38	34	30	30	34	34
7	27	22	16	12	7	2	3	6	16	35	43	48	54	57	59	60	51	49	21	22	31	37	32	24	31
8	21	22	15	13	18	14	8	15	53	77	79	73	71	70	76	73	77	75	66	63	62	57	59	55	51
9	59	54	39	29	25	17	13	21	29	41	54	66	71	77	76	78	79	74	64	71	72	68	57	54	54
10	55	61	57	40	29	35	24	23	27	44	58	63	68	74	76	68	57	56	54	46	43	32	28	24	48
11	16	15	13	10	10	10	9	10	12	11	16	19	33	46	47	49	59	66	56	47	51	48	42	36	30
12	32	34	31	25	22	19	16	17	17	16	17	19	26	32	29	37	32	32	31	22	3	6	18	16	23
13	29	22	18	21	28	29	24	28	30	33	33	28	22	22	25	25	29	26	21	19	16	17	15	15	24
14	18	17	18	17	12	6	5	12	24	31	33	34	35	35	38	41	41	35	27	21	13	16	8	15	23
15	16	17	17	21	29	33	39	36	40	42	41	42	46	47	49	52	53	55	55	51	27	22	23	23	37
16	22	19	23	23	16	12	3	8	20	25	22	28	31	31	31	33	34	33	25	16	14	15	15	8	21
17	8	6	21	16	14	11	9	13	24	37	39	45	52	49	63	65	63	59	52	46	35	31	21	16	33
18	13	16	11	7	13	15	8	9	15	23	25	27	28	30	31	32	31	31	10	3	6	6	11	8	17
19	10	8	8	6	3	14	11	15	15	32	45	56	63	70	89	88	87	85	89	88	94	78	64	63	49
20	61	56	47	41	37	36	33	25	22	20	23	28	30	33	33	35	33	28	23	15	11	11	5	5	29
21	10	8	3	4	5	3	4	0	1	5	8	12	23	33	35	35	34	34	29	26	22	10	8	11	15
22	7	6	4	8	14	22	24	22	22	21	24	24	25	26	27	30	30	29	27	26	19	14	13	9	20
23	8	7	7	4	1	3	1	7	7	43	45	47	46	46	44	46	44	36	23	35	22	29	38	35	27
24	38	39	42	44	32	33	30	38	46	49	51	54	57	52	49	39	38	29	11	21	42	41	46	45	40
25	44	38	39	36	32	30	31	33	38	39	45	50	50	46	42	43	41	40	36	31	25	17	11	11	35
26	11	11	12	12	19	23	24	28	37	41	40	59	63	62	60	69	76	71	68	68	60	50	40	35	43
27	41	45	45	39	25	14	12	15	23	35	50	60	63	62	54	62	59	47	39	28	33	35	48	30	40
28	23	24	32	29	28	25	17	13	14	14	14	17	24	28	39	38	44	36	29	29	32	30	27	26	
29	24	25	21	16	16	18	21	31	37	32	25	19	16	18	18	21	23	27	32	35	38	36	36	34	26
30	31	30	26	24	14	13	11	8	19	26	28	28	32	33	33	27	31	28	22	20	20	25	23	23	24
MEAN	24	23	21	19	17	17	15	18	23	31	34	38	41	44	45	46	46	44	37	34	31	29	27	24	30

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	18	15	12	5	4	8	13	13	16	16	16	18	24	26	28	28	26	24	25	17	14	17	17	18
2	18	18	20	20	20	20	19	28	34	34	34	34	35	34	34	33	31	28	26	22	16	16	20	20	26
3	29	30	28	26	29	26	24	32	34	34	33	36	38	40	41	39	34	16	11	14	14	8	14	11	27
4	8	13	11	16	20	13	18	25	27	31	33	33	34	29	32	36	23	14	19	17	14	17	14	11	21
5	6	8	17	22	24	24	27	36	38	47	58	62	67	70	71	66	64	63	62	59	54	51	51	45	46
6	45	39	43	40	41	36	40	48	54	60	62	66	76	78	85	79	69	65	66	62	58	52	33	27	55
7	26	24	23	22	20	19	18	21	24	28	28	29	31	29	28	26	25	22	27	22	18	13	9	23	
8	9	9	6	3	6	7	4	7	27	30	30	31	31	31	29	28	24	13	13	15	17	19	16	11	17
9	15	14	14	13	9	8	10	14	15	16	16	23	32	37	42	45	38	35	32	31	24	25	22	20	23
10	21	15	7	9	7	13	7	8	13	20	28	36	39	40	42	39	48	41	26	23	21	17	20	21	23
11	22	20	19	16	11	6	4	8	9	20	37	40	58	72	74	74	71	63	28	34	46	41	55	57	37
12	43	36	31	31	34	41	35	35	39	32	28	26	36	42	44	48	44	37	26	19	20	18	22	22	33
13	16	18	24	24	22	22	18	19	24	26	26	27	28	25	27	27	25	23	22	23	21	19	17	14	22
14	10	6	4	9	22	23	27	27	29	36	43	47	51	48	40	35	30	23	17	15	14	14	19	19	25
15	20	23	22	19	18	20	25	25	23	25	30	30	30	29	28	28	27	21	16	15	13	15	16	10	22
16	7	7	6	7	6	5	4	6	10	18	28	32	39	40	41	37	38	31	23	23	29	35	36	37	23
17	36	33	39	43	39	34	29	25	21	24	28	34	33	27	23	21	23	22	27	30	32	35	35	33	30
18	33	33	32	28	25	24	24	27	29	28	30	30	31	31	31	31	31	28	22	20	16	15	15	21	26
19	17	16	21	16	16	17	17	16	18	18	17	17	17	17	18	18	17	12	7	2	0	0	1	0	12
20	0	5	3	11	14	12	12	12	17	22	22	22	22	22	23	22	20	19	19	15	14	15	13	13	15
21	14	11	11	9	9	7	6	3	7	11	31	36	36	32	30	29	20	21	22	22	25	25	20	21	19
22	24	24	21	23	27	25	20	17	22	22	23	29	30	30	30	25	20	17	23	30	32	29	26	30	25
23	31	22	13	8	6	6	6	4	11	15	15	32	35	38	37	38	29	24	20	17	16	12	3	20	
24	1	5	8	4	0	0	0	7	13	16	22	29	36	39	40	43	40	29	25	28	29	30	33	29	22
25	22	17	24	19	14	11	10	13	19	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	- DATA MISSING -																								
27	- DATA MISSING -																								
28	- DATA MISSING -																								
29	17	12	11	13	10	3	1	0	5	18	27	33	30	25	19	19	19	19	19	19	19	19	19	19	15
30	0	0	3	1	3	5	3	14	15	16	13	13	21	23	28	27	24	26	26	14	5	6	7	5	14
31	1	4	4	4	4	3	2	2	5	6	9	9	12	12	14	19	15	7	5	15	13	18	22	27	10
MEAN	19	18	17	17	16	16	15	17	21	25	29	32	35	37	37	37	34	28	24	24	22	21	22	21	24

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	20	24	23	21	19	16	21	26	27	24	28	32	33	28	24	15	5	10	12	13	15	9	10	20
2	5	5	5	5	5	21	23	26	24	24	23	25	28	29	31	33	33	32	30	32	34	34	35	36	27
3	37	36	35	34	31	30	28	26	25	22	21	32	38	39	43	35	29	23	20	28	25	22	31	28	30
4	22	26	27	29	29	32	31	33	31	32	30	31	30	26	16	15	7	5	8	10	8	12	17	17	22
5	24	26	26	24	25	24	26	27	27	25	24	24	24	25	24	23	21	19	15	8	6	7	9	7	20
6	10	11	13	16	15	17	18	19	18	20	25	22	22	18	18	17	16	14	12	11	12	11	10	11	15
7	16	23	26	29	27	29	29	29	30	35	36	35	34	32	32	29	14	7	4	6	13	6	6	6	23
8	11	6	4	3	1	0	1	1	2	12	14	23	32	43	47	48	41	32	27	14	7	2	9	4	16
9	2	1	1	0	1	1	2	1	2	6	18	26	33	28	25	28	22	20	15	24	29	26	20	19	14
10	13	7	2	4	16	21	26	26	27	27	26	24	26	22	13	18	15	14	16	13	9	7	4	4	15
11	- DATA MISSING -																								
12	- DATA MISSING -																								
13	2	5	15	14	13	12	9	6	10	15	21	23	23	24	24	21	11	17	13	9	13	19	20	21	15
14	22	20	23	25	28	19	19	23	30	33	35	34	34	36	31	28	31	32	31	29	33	35	34	34	29
15	29	27	29	30	27	26	26	28	33	34	34	34	34	34	34	34	20	19	16	20	24	23	16	14	25
16	12	10	8	8	8	5	6	12	18	24	27	30	27	24	17	13	17	17	13	11	14	11	15	14	15
17	11	12	17	15	13	17	18	18	19	18	16	14	12	13	15	17	17	21	22	22	23	21	21	23	17
18	24	23	23	19	12	3	4	4	2	2	6	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	39	41	39	40	37	37	36	35	35	34	35	36	34	35	34	34	34	33	32	35	35	37	37	37	36
22	36	37	38	36	36	35	34	35	34	33	32	32	32	32	28	25	15	3	1	5	6	2	6	7	23
23	2	2	3	4	3	2	0	1	6	8	7	6	14	10	9	4	2	4	2	2	6	10	4	1	5
24	10	12	12	19	22	19	24	25	23	26	25	23	25	24	24	24	24	24	24	24	24	24	24	24	24
25	22	25	26	27	28	35	30	31	33	35	35	34	36	36	36	35	34	36	37	36	36	35	36	38	33
26	40	41	33	31	34	35	36	33	35	40	44	42	44	44	41	37	31	27	19	14	6	13	20	21	32
27	23	24	26	27	24	18	15	12	13	24	31	36	37	36	36	29	24	17	17	11	8	4	2	1	20
28	1	1	1	1	3	3	4	8	17	21	17	25	27	22	15	16	21	24	25	22	22	22	22	21	15
29	19	22	27	26	25	24	31	34	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
30	10	14	15	10	3	3	3	4	9	12	21	38	41	39	39	36	34	31	31	30	29	31	29	29	23
MEAN	18	19	20	19	19	19	19	20	22	25	26	28	30	29	26	24	21	19	18	17	18	18	18	18	21

PERCENTAGE OF DATA VALID - 84

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	28	27	26	22	19	22	28	29	34	37	38	39	38	39	38	37	35	35	34	34	36	39	32
2	40	43	43	41	41	34	37	35	26	36	39	36	37	39	42	39	40	41	38	37	37	38	37	35	38
3	39	41	43	43	42	42	40	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
4	37	38	39	40	40	41	39	36	38	38	38	39	39	39	39	39	39	39	39	39	39	39	39	39	39
5	23	18	12	9	10	23	23	23	19	25	30	31	28	29	29	29	21	26	24	20	19	18	12	5	21
6	5	4	3	1	1	4	4	6	5	8	5	6	22	19	11	11	11	11	11	11	11	11	11	11	11
7	17	17	16	15	15	12	10	6	10	12	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
8	32	33	32	30	30	30	32	34	34	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
9	32	32	31	28	24	21	20	19	23	25	26	24	22	19	19	16	14	13	13	13	13	13	13	13	13
10	5	2	2	2	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	1	0	1	1	5	12	6	5	6	13	21	24	19	10	2	2	1	1	3	7	7	5	1	2	1
12	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	3	6	16	22	22	20	17	20	25	25	26	29	31	25	25	17	11	12	12	9	6	5	2	16
14	2	4	4	7	6	8	8	13	20	21	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	2	1	1	2	2	4	1	1	3	5	11	9	11	11	10	10	7	14	19	17	14	14	20	8
17	22	21	23	25	23	20	22	23	26	22	18	18	16	13	10	7	6	4	10	10	10	7	8	14	16
18	11	9	10	9	8	3	2	11	20	19	13	9	3	7	6	4	12	12	13	15	15	16	14	10	10
19	11	10	9	7	5	4	3	2	4	7	14	14	8	4	1	1	1	1	1	1	1	1	1	1	1
20	5	2	2	2	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	3	6	4	3	8	6	8	16	24	32	36	35	26	22	17	11	8	13	12	10	10	11	8	5	14
22	5	11	24	29	30	28	23	21	23	22	21	23	25	28	29	28	29	29	29	29	29	29	29	29	29
23	24	18	16	15	18	20	21	16	19	18	18	18	20	20	19	21	22	21	19	19	20	21	20	20	19
24	20	20	20	20	22	22	20	17	18	22	25	24	26	28	28	25	24	24	24	23	19	6	1	1	20
25	7	14	14	15	14	10	9	11	11	13	15	16	16	17	15	11	8	4	1	1	3	3	3	2	10
26	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	23	29	30	22	18	5	1	2	5	10	17	20	23	20	18	17	15	16	17	15	15	15	15	15	16
28	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	23	29	30	22	18	5	1	2	5	10	17	20	23	20	18	17	15	16	17	15	15	15	15	15	16
30	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	16	16	15	15	16	15	15	14	17	19	19	21	20	20	18	17	15	15	16	15	14	14	14	13	16

PERCENTAGE OF DATA VALID - 83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	19	28	40
FEB	28	27	38	51
MAR	31	30	40	51
APR	30	36	54	90 2
MAY	31	36	54	87 4
JUN	30	46	74	101 46
JUL	10	44	75	104 20
AUG	31	44	70	117 55
SEP	30	30	54	94 7
OCT	29	24	55	85 1
NOV	28	21	36	48
DEC	31	16	38	43
YEAR	337	31	75	117

2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	137	164	193	79	0	0	0	573
FEB	62	106	197	301	1	0	0	667
MAR	42	108	180	408	1	0	0	739
APR	5	57	189	368	90	2	0	711
MAY	5	76	201	339	106	4	0	731
JUN	5	52	120	268	228	46	0	719
JUL	9	35	24	66	74	20	0	228
AUG	40	86	107	200	230	55	0	718
SEP	85	153	170	203	101	7	0	719
OCT	102	179	196	133	38	1	0	649
NOV	126	151	183	147	0	0	0	607
DEC	241	167	119	94	0	0	0	621
YEAR	859	1334	1879	2606	869	135	0	7682

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	8.9	20.6	28.9	36.6	54.7	66.0	78.3	85.9	117	31.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	17	16	19	20	24	21	16	13	14	16	20	18	16	16	9	5	3	3	5	2	14	15	12	14	12
MEAN	17	16	19	20	24	21	16	13	14	16	20	18	16	16	15	12	7	5	5	5	8	8	8	10	12

PERCENTAGE OF DATA VALID - 5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	3	12	21	24	21	8	9	14	11	11	14	15	17	16	12	9	9	9	9	8	7	5	11
2	4	5	8	9	4	7	2	2	0	0	1	5	2	5	9	4	2	1	0	1	1	1	0	0	3
3	0	0	1	1	1	0	0	0	0	0	0	0	8	8	11	11	9	6	3	0	2	4	10	7	3
4	8	8	11	11	9	6	3	0	2	4	10	7	10	8	5	4	4	4	4	4	4	5	4	6	
5	4	4	4	6	10	13	10	10	9	11	16	17	18	19	19	16	11	10	11	14	15	16	16	12	
6	14	11	12	14	14	10	5	5	7	10	8	8	10	12	14	12	11	9	7	9	15	16	16	10	
7	12	13	12	11	10	9	4	1	3	16	17	22	29	28	26	27	26	22	17	11	14	12	8	4	15
8	5	8	7	5	3	18	6	6	8	11	13	15	14	14	13	13	13	14	13	13	12	12	12	10	
9	12	10	10	10	8	7	7	6	6	5	6	7	7	7	7	7	7	6	6	6	5	5	5	7	
10	5	14	14	13	15	19	18	19	18	19	19	19	20	20	20	19	17	16	12	10	13	5	4	3	15
11	3	3	3	3	3	2	3	3	3	6	9	13	18	15	19	23	13	8	4	3	3	10	11	12	8
12	15	9	4	11	16	16	5	6	8	11	13	14	12	6	15	15	21	31	32	32	34	37	34	33	18
13	34	35	32	32	29	30	25	27	31	34	35	37	34	37	36	34	33	29	31	29	25	17	11	30	
14	13	21	22	15	14	17	14	9	15	19	24	23	22	22	25	20	7	4	4	3	9	15	10	15	
15	6	6	3	4	1	0	0	0	1	0	1	0	0	0	7	9	4	5	3	4	3	2	3	8	3
16	7	12	14	12	4	4	3	9	6	3	3	7	8	8	7	8	10	18	27	32	31	31	33	26	13
17	27	29	29	31	31	31	32	30	28	28	28	27	28	28	28	29	28	29	29	30	28	30	29	29	29
18	28	29	29	30	30	30	28	26	15	11	17	23	28	28	25	21	16	15	15	14	16	12	16	13	21
19	17	18	15	15	11	6	9	16	26	25	26	27	32	25	22	23	23	21	21	22	24	22	28	25	21
20	17	22	24	19	16	15	6	6	11	19	20	17	29	33	23	15	14	15	18	14	16	19	16	18	18
21	24	19	16	17	17	17	8	11	19	23	26	28	33	35	32	30	25	23	22	16	16	11	10	14	21
22	18	15	18	19	17	17	16	16	23	27	29	30	32	32	33	32	21	16	12	14	14	15	19	18	21
23	18	19	19	18	18	14	16	18	21	21	25	23	28	23	28	26	27	28	28	34	25	28	32	29	24
24	30	24	20	25	30	32	29	27	30	32	33	34	37	41	34	36	34	28	27	27	20	19	17	17	28
25	17	19	19	16	13	11	8	6	9	16	19	19	23	26	25	26	24	17	17	9	11	14	3	2	15
26	4	15	15	13	8	7	9	9	13	13	19	20	18	17	26	31	28	30	29	16	18	15	15	17	
27	9	8	7	5	9	12	9	8	12	22	26	29	36	35	34	33	27	26	23	19	13	7	5	4	17
28	11	9	9	25	31	35	26	16	11	22	23	25	26	24	19	19	17	18	16	15	20	17	19	24	20
29	25	21	20	22	23	24	18	14	15	17	13	10	13	13	13	13	8	8	9	8	5	6	6	5	14
30	3	3	3	6	15	12	10	11	13	15	11	8	7	5	5	4	4	4	3	6	3	9	14	5	7
31	3	4	5	18	15	14	6	11	10	11	21	23	23	22	23	23	23	23	22	24	22	13	14	14	16
MEAN	13	13	13	14	14	14	11	11	12	15	17	18	21	20	20	20	17	16	15	14	14	14	14	13	15

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE												UNITS - PARTS/BILLION													
STATION - BARTON/WENTWORTH HAM. OAMST												MONTH APR 74													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	17	15	18	16	10	8	15	18	15	19	22	26	22	19	20	11	20	14	13	16	16	16	11	16
2	16	12	12	8	5	17	13	3	5	17	17	21	24	27	27	27	25	27	28	27	32	32	30	22	20
3	13	9	0	6	4	0	0	1	5	8	12	14	9	9	5	5	8	11	5	0	2	3	0	0	5
4	0	0	0	3	27	25	36	32	22	21	23	34	34	36	37	41	49	43	36	33	21	9	7	7	24
5	8	11	21	22	24	22	15	12	9	13	15	15	16	16	15	13	12	11	10	7	13	22	16	21	15
6	26	27	24	30	33	33	32	31	34	36	38	38	39	38	39	39	41	35	29	20	13	12	17	18	30
7	20	20	22	23	22	21	22	25	29	31	30	25	31	18	17	17	24	30	24	31	28	24	23	24	24
8	22	23	20	22	23	21	18	14	16	18	19	19	23	22	22	20	16	17	18	16	18	17	17	16	19
9	8	12	13	9	7	0	2	6	9	10	23	28	27	35	39	31	9	10	21	11	8	7	10	8	14
10	16	17	22	19	14	12	6	7	18	24	28	31	38	32	34	31	36	32	25	9	17	15	9	6	21
11	6	11	9	12	13	8	3	2	11	14	20	29	27	25	22	16	9	5	2	2	0	0	0	0	10
12	2	1	4	1	2	6	1	3	5	7	16	17	14	21	13	9	5	4	3	3	15	15	9	9	8
13	1	2	4	4	3	0	2	3	10	15	23	29	39	45	50	50	50	51	46	36	22	26	18	3	22
14	0	0	0	1	3	4	7	6	12	7	6	4	8	9	20	42	45	41	39	31	24	19	17	21	15
15	18	21	23	24	25	24	19	17	18	19	20	21	21	20	19	18	16	17	15	16	16	14	15	11	19
16	15	9	11	13	13	11	7	8	10	13	22	27	29	29	29	27	24	24	16	11	9	9	7	10	16
17	13	19	23	19	11	7	6	9	14	24	35	42	45	48	54	45	43	41	39	37	36	39	34	28	30
18	21	26	30	32	26	22	12	14	13	32	19	17	9	6	7	4	2	9	1	17	23	30	31	32	18
19	32	29	26	25	24	23	20	19	13	11	12	12	15	23	11	8	13	18	15	6	2	6	4	0	15
20	0	3	1	0	0	0	5	7	14	14	15	17	21	21	22	16	12	7	5	1	20	5	0	0	9
21	0	0	0	0	0	0	1	6	6	10	10	15	62	74	73	69	70	65	58	51	51	55	51	50	32
22	49	47	48	44	42	38	28	19	21	27	22	21	21	18	12	10	8	16	20	23	26	30	20	16	26
23	15	12	12	11	11	9	6	4	4	6	6	9	11	11	9	7	10	17	20	20	23	24	25	27	13
24	32	32	30	29	28	30	26	26	27	26	26	28	23	18	25	26	17	26	27	17	8	10	13	5	23
25	5	4	4	4	4	4	4	4	10	25	23	24	26	34	32	26	17	28	12	7	10	10	6	7	14
26	9	14	5	1	1	1	7	11	15	19	24	31	34	32	34	29	35	37	31	32	20	15	10	19	
27	17	12	7	16	15	8	17	23	45	57	66	72	63	59	60	60	64	81	70	59	40	23	10	12	40
28	17	44	48	47	47	41	40	39	42	54	59	61	59	59	59	59	59	59	59	59	59	59	59	59	59
29	11	5	5	3	0	2	2	9	17	19	23	26	24	20	18	31	30	23	20	8	5	8	21	17	11
30	11	5	5	3	0	2	2	9	17	19	23	24	24	23	23	22	21	23	23	23	19	20	21	22	16
MEAN	14	15	16	16	15	14	12	12	16	20	23	26	27	27	27	27	24	26	23	19	19	18	16	14	19
PERCENTAGE OF DATA VALID -												96													

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE														UNITS - PARTS/BILLION																			
STATION - BARTON/WENTWORTH HAM. OAMST														MONTH MAY 74																			
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN								
1	18	19	18	17	14	6	7	8	15	24	25	29	28	28	28	29	30	31	23	23	21	16	11	0	20								
2	4	5	3	0	0	1	1	3	10	13	10	11	12	14	16	16	13	7	3	1	9	12	15	13	8								
3	3	5	2	1	1	0	0	1	1	1	2	9	8	6	7	13	20	20	15	14	16	14	13	14	8								
4	13	17	18	18	16	10	12	17	23	24	22	22	20	25	27	27	28	27	25	11	5	2	1	0	17								
5	0	0	0	0	4	1	3	12	11	9	8	23	23	9	9	5	9	6	15	12	13	11	22	8	9								
6	6	16	19	23	18	9	9	13	17	15	10	18	16	16	12	12	13	14	17	17	18	18	19	15									
7	20	22	20	18	17	10	6	11	15	17	19	22	24	23	22	18	20	22	23	18	10	4	1	1	16								
8	1	0	0	0	0	0	0	3	6	8	5	5	6	8	9	6	6	5	3	5	9	12	14	13	5								
9	6	4	7	5	3	2	1	0	0	0	1	1	1	0	4	1	0	1	2	3	8	12	13	16	4								
10	10	10	15	17	18	7	10	19	16	17	24	24	10	12	23	26	20	14	13	11	10	8	8	2	14								
11	0	0	0	1	0	0	0	1	5	5	14	14	17	17	17	16	11	12	2	18	3	0	0	0	6								
12	11	23	28	29	30	23	20	23	14	18	14	15	13	11	17	26	30	26	16	10	17	16	18	17	19								
13	17	17	18	17	15	8	8	7	9	8	9	10	12	13	13	13	12	10	5	4	3	2	4	2	10								
14	3	7	11	15	7	0	0	0	0	3	17	36	48	53	54	52	50	48	37	28	21	28	19	31	24								
15	36	32	34	36	36	29	23	20	22	15	19	24	24	29	35	27	23	26	20	18	13	9	16	17	24								
16	13	15	17	10	4	0	1	8	13	11	8	5	3	0	0	3	6	11	4	6	5	7	2	6	7								
17	8	1	1	1	1	10	7	3	2	7	11	26	37	40	45	27	47	44	25	15	5	4	4	6	16								
18	8	14	18	15	10	6	11	20	21	21	20	21	23	22	24	28	25	23	11	8	12	21	16	13	17								
19	16	12	8	7	8	12	8	13	8	13	17	18	21	15	25	24	20	22	15	9	2	1	1	1	12								
20	1	4	1	7	13	9	11	6	10	10	13	15	17	18	15	14	11	8	11	12	12	2	4	4	10								
21	1	3	2	1	2	5	9	6	8	14	19	18	23	18	18	13	8	5	3	3	1	1	4	8									
22	16	7	1	1	1	1	1	1	43	56	67	75	71	51	57	47	50	47	30	23	21	23	20	31									
23	17	23	27	31	30	14	9	10	15	28	41	48	48	38	37	35	40	41	37	32	30	23	22	26	29								
24	24	29	35	33	27	16	12	15	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24								
25	17	18	20	22	26	24	22	23	26	26	27	27	31	31	35	33	37	28	29	24	9	3	10	13	23								
26	18	21	13	5	1	0	1	13	22	26	31	32	29	31	22	14	17	15	10	23	6	0	0	15									
27	0	1	7	3	0	0	2	5	17	29	37	46	50	50	47	39	31	52	37	39	44	46	48	46	28								
28	45	41	34	31	28	18	6	1	0	1	2	4	16	8	14	23	17	5	3	2	11	16	2	0	14								
29	3	1	7	15	2	7	1	3	2	9	23	30	40	55	36	42	38	31	21	51	40	34	4	6	20								
31	5	1	4	14	19	2	6	6	5	7	20	24	47	49	49	46	54	54	28	19	26	27	18	19	22								
MEAN	11	12	13	13	12	8	7	9	12	14	18	22	24	24	25	24	24	23	17	16	14	13	12	11	16								
PERCENTAGE OF DATA VALID -					95																												

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	10	13	14	16	11	10	12	14	20	25	32	32	36	41	42	38	36	25	20	15	12	1	0	21
2	0	0	0	0	0	0	3	17	23	19	30	37	44	49	41	47	44	34	37	28	16	5	1	1	20
3	8	10	11	23	16	8	6	16	36	55	60	58	62	63	49	36	53	63	61	58	48	43	23	6	36
4	17	31	42	50	43	23	16	14	19	30	48	57	70	80	68	64	72	66	61	50	41	29	25	41	44
5	54	62	74	56	49	18	22	27	32	42	54	69	74	71	71	69	70	74	65	44	29	32	27	20	51
6	11	18	40	44	26	7	4	9	16	21	24	34	37	31	48	32	29	47	54	28	7	9	4	0	24
7	0	23	53	56	62	24	32	18	28	26	30	31	38	40	23	35	12	11	7	5	17	18	13	11	26
8	8	3	27	37	41	26	31	31	32	30	41	44	47	41	24	16	8	9	3	1	2	14	16	5	22
9	1	1	1	15	12	12	14	14	16	23	33	41	44	55	61	62	71	68	58	47	35	32	29	34	32
10	32	31	29	23	18	13	14	20	29	40	43	47	43	52	54	49	51	50	43	39	36	36	33	34	36
11	28	21	18	17	20	19	20	20	27	30	32	35	39	39	37	32	37	45	46	52	56	48	41	47	34
12	42	34	32	28	23	13	18	21	30	36	42	45	44	42	38	41	37	32	41	24	26	8	19	29	31
13	34	44	48	45	33	16	13	19	25	39	46	50	37	39	43	16	10	22	26	19	17	18	19	17	29
14	10	7	0	0	0	0	4	16	32	48	31	10	26	47	62	56	64	40	16	33	16	0	2	13	22
15	1	0	0	1	5	6	25	18	24	26	28	31	41	45	53	49	32	20	39	34	27	19	14	4	23
16	13	33	36	47	45	41	39	32	31	38	36	46	53	56	57	59	58	59	53	38	22	22	24	32	40
17	34	27	23	17	9	4	4	8	15	14	16	24	25	22	28	30	37	43	31	30	25	18	16	30	22
18	35	37	34	28	25	11	6	2	6	6	2	6	22	22	32	37	38	40	31	3	13	23	27	36	23
19	26	40	51	47	25	7	5	3	6	4	5	7	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
26													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
27													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	20	23	28	29	25	14	15	17	24	30	33	37	44	46	46	43	42	42	39	31	25	21	19	20	30
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
3													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
26													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
27													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30	15	20	20	11	4	1	2	****	16	16	23	32	30	32	37	30	35	40	30	30	18	14	10	1	20
31	5	17	20	18	15	2	3	7	13	22	23	23	21	27	29	31	29	29	24	15	3	1	0	1	16
MEAN	10	19	20	15	10	2	3	7	15	19	23	28	26	30	33	31	32	35	27	23	11	8	5	1	18
PERCENTAGE OF DATA VALID -																									

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	9	1	0	0	0	6	15	28	32	29	30	31	33	29	27	30	25	23	24	18	5	16	17
2	23	21	20	13	4	2	1	1	3	17	27	32	39	48	56	44	43	37	26	71	73	29	20	23	28
3	43	52	53	51	47	47	49	43	40	51	53	50	58	65	57	57	65	71	70	57	47	45	47	61	53
4	55	49	49	48	45	43	40	38	32	30	30	39	48	51	46	48	42	42	37	25	19	18	22	23	38
5	24	23	21	19	18	16	13	16	22	36	39	41	40	43	44	25	26	36	26	26	9	1	0	0	24
6	0	1	1	2	2	0	0	1	10	21	32	38	43	47	45	41	41	40	37	25	11	2	0	0	18
7	2	4	2	1	0	0	0	3	32	43	49	44	57	56	50	60	72	60	40	6	0	0	0	0	25
8	0	1	1	0	0	0	0	2	3	19	23	26	41	49	54	38	45	40	35	34	32	24	17	27	21
9	1	5	5	1	1	1	0	4	17	28	52	56	53	43	55	47	59	40	33	17	7	10	7	6	23
10	17	16	17	16	10	3	2	10	23	34	36	38	39	40	39	42	44	40	38	49	23	13	21	40	27
11	31	30	25	15	13	15	27	42	52	69	76	77	76	79	76	79	75	66	59	50	52	50	55	57	52
12	56	54	48	37	30	25	17	10	9	11	17	18	47	46	46	41	40	45	33	22	27	15	5	1	29
13	17	29	31	46	37	23	14	18	13	17	27	54	71	73	77	70	66	64	43	26	22	23	14	15	37
14	14	12	12	9	12	11	8	7	11	15	16	20	28	32	37	23	36	31	44	23	25	13	9	10	19
15	2	0	0	0	0	0	1	5	15	19	18	43	53	21	25	37	38	34	24	5	5	5	5	5	15
16	5	5	5	5	5	5	5	7	26	50	70	73	92	71	93	84	85	97	79	67	68	57	39	41	47
17	53	64	57	56	53	29	21	36	49	53	63	70	69	58	53	53	53	47	39	24	30	24	14	19	45
18	11	19	25	24	25	20	24	31	38	54	52	49	52	54	60	66	63	54	44	42	41	45	56	66	42
19	66	75	77	67	38	12	14	19	41	52	45	61	47	50	75	78	78	67	63	60	88	70	47	33	55
20	27	14	25	22	9	1	2	6	9	38	62	76	76	77	80	75	78	75	64	65	65	42	50	40	45
21	26	7	10	5	0	0	4	13	43	78	78	81	90	81	90	85	93	95	82	55	42	47	33	85	51
22	73	34	52	68	73	40	32	34	48	62	83	101	100	89	90	84	93	99	80	74	72	55	58	56	69
23	70	74	63	56	53	30	6	8	26	48	69	78	79	65	54	27	37	51	51	22	10	17	12	9	42
24	18	15	14	13	12	5	5	10	13	18	22	30	30	35	36	40	39	35	24	18	11	16	14	8	20
25	9	9	7	2	0	0	1	3	11	18	46	53	55	53	64	73	68	54	40	19	0	0	2	17	25
26	16	17	6	1	1	1	1	1	18	45	59	83	84	73	74	85	74	86	82	92	83	79	93	84	52
27	74	67	60	56	52	27	9	17	32	38	42	44	49	42	38	30	27	32	21	26	22	14	0	0	34
28	1	6	9	2	2	0	0	3	13	18	13	15	19	13	27	24	32	26	32	34	6	0	2	6	13
29	12	12	8	6	6	1	2	4	8	16	19	36	43	26	26	29	27	18	0	0	0	0	0	2	13
30	10	18	22	30	23	5	5	7	24	26	32	30	42	13	45	50	61	74	62	39	53	78	78	78	38
31	69	67	59	59	59	54	56	56	58	45	39	54	47	39	33	35	33	31	29	21	16	10	5	0	41
MEAN	27	26	26	24	20	13	12	15	24	35	42	49	54	51	54	51	53	53	45	37	32	26	24	27	34

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM OAMST

NO 29025

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	4	0	1	1	4	13	13	23	28	32	39	44	47	46	39	35	26	26	26	30	30	21
2	30	30	21	17	17	10	7	16	18	20	20	19	29	24	16	16	19	9	9	12	27	22	17	15	18
3	17	17	19	22	15	6	2	16	3	9	11	26	30	37	23	30	23	8	7	14	22	16	3	16	
4	5	9	9	10	6	8	3	4	15	27	30	31	22	19	28	27	25	21	15	2	0	0	0	0	13
5	0	0	0	0	0	0	0	0	6	10	26	26	27	29	29	20	20	16	12	0	0	0	0	0	9
6	0	0	0	0	0	0	0	0	4	21	29	31	34	30	34	34	36	31	32	29	23	0	0	0	15
7	6	3	4	3	0	2	7	15	15	20	34	47	47	53	51	49	51	48	36	21	0	0	0	0	21
8	0	0	0	1	14	10	15	37	41	52	74	74	73	69	69	72	65	60	56	54	59	56	49	59	44
9	59	62	62	59	44	13	5	21	30	53	65	72	80	80	80	67	68	71	63	62	61	49	59	58	55
10	65	74	73	66	67	23	9	11	20	31	53	64	69	63	60	57	63	59	40	37	44	38	31	28	48
11	26	23	18	15	11	8	5	7	14	20	25	21	28	32	42	37	42	37	38	47	48	34	36	43	27
12	33	33	30	29	21	16	11	11	13	11	11	11	18	28	30	24	11	13	10	13	11	10	11	11	18
13	22	36	33	25	28	20	13	17	24	24	26	23	14	13	15	16	18	20	15	11	14	14	11	11	19
14	8	8	11	18	18	10	7	11	21	24	19	22	28	30	27	25	27	21	12	11	12	11	5	10	17
15	8	16	23	28	28	29	38	41	39	43	48	46	49	51	51	39	37	46	28	16	16	16	15	15	32
16	15	15	15	11	9	5	2	4	13	24	26	35	35	35	31	30	27	22	13	19	13	3	0	3	17
17	2	1	9	3	16	12	5	9	22	32	45	54	61	58	52	38	35	25	14	2	4	8	12	18	22
18	14	12	6	7	3	8	5	2	2	5	18	17	19	20	19	11	5	4	2	3	0	0	0	0	8
19	0	0	0	0	0	0	0	0	4	16	35	47	54	59	60	69	73	58	64	81	82	76	57	57	37
20	52	51	40	30	28	22	8	2	10	16	22	26	29	30	41	35	27	13	8	5	5	7	10	9	22
21	6	8	12	8	2	1	0	0	1	3	3	4	9	28	34	33	32	29	13	1	0	0	3	4	10
22	1	3	6	14	16	15	19	19	19	21	24	26	27	28	30	32	32	31	26	18	15	10	3	19	
23	2	2	0	0	0	0	0	0	7	14	22	20	23	17	18	16	19	20	14	1	0	0	0	0	8
24	0	0	0	0	0	0	0	0	11	23	26	30	32	34	31	26	23	20	12	2	2	0	6	17	12
25	27	29	24	23	24	14	12	10	11	11	20	24	24	23	20	17	17	13	11	4	2	0	0	0	15
26	0	0	0	3	2	0	0	0	3	13	25	34	46	54	50	46	52	60	52	54	48	44	20	11	26
27	26	35	40	40	36	26	9	7	16	28	38	53	55	60	60	49	44	30	4	0	1	3	17	28	
28	6	5	22	43	22	26	16	7	11	17	16	15	9	11	24	21	23	17	18	8	1	16	18	13	16
29	19	24	25	21	16	10	14	23	25	26	26	18	7	7	7	11	16	20	21	23	23	20	20	18	
30	23	24	23	22	12	3	0	0	4	6	16	19	14	6	7	4	1	3	1	8	13	7	2	1	9
MEAN	16	17	18	17	15	10	7	10	14	21	28	31	34	35	37	33	33	29	23	19	19	17	15	15	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	0	0	5	4	3	8	11	10	10	8	10	10	6	6	8	11	8	20	20	7	
2	21	21	21	20	17	14	13	15	21	23	26	27	27	27	27	24	25	26	22	16	12	16	13	12	20
3	9	5	2	2	2	1	0	6	20	22	***	***	33	30	32	32	29	25	3	1	0	0	0	0	12
4	0	0	0	0	0	0	0	1	5	14	23	19	16	21	24	23	16	17	11	4	14	12	10	11	10
5	12	9	8	7	7	7	10	15	23	30	35	47	59	63	68	73	73	62	51	41	43	53	45	44	37
6	36	47	46	46	45	33	27	32	36	44	62	62	64	68	81	76	81	72	60	60	62	56	56	44	54
7	29	29	24	23	21	9	6	3	16	19	25	27	24	23	24	22	20	17	19	22	17	17	5	2	18
8	2	3	4	5	4	1	0	***	3	13	22	23	***	***	***	***	***	***	***	***	***	***	***	***	***
9	3	0	2	5	10	5	4	4	7	17	19	20	20	23	24	17	19	21	14	14	10	7	7	4	12
10	1	0	2	5	8	5	1	0	1	4	7	12	24	31	31	25	20	7	3	3	2	1	1	2	8
11	2	2	2	2	1	1	1	1	1	2	3	5	6	6	4	3	1	5	9	2	2	2	7	53	5
12	39	32	24	28	29	25	24	14	15	7	4	19	23	24	26	29	23	22	21	16	16	18	13	4	21
13	2	2	0	0	0	0	9	11	12	20	19	18	20	18	20	18	18	13	11	6	9	5	4	4	10
14	7	7	0	0	0	0	1	22	29	37	48	50	46	49	47	32	25	13	12	8	10	8	12	11	20
15	17	21	19	19	12	10	7	4	9	22	25	28	27	28	22	22	14	10	4	4	4	12	15	19	16
16	15	5	5	5	5	5	5	5	5	9	12	12	13	19	14	14	9	4	4	4	11	18	27	10	
17	32	34	32	34	32	23	12	9	15	19	22	27	21	20	18	14	14	20	20	26	27	31	31	24	23
18	29	29	31	30	30	26	22	18	28	30	31	31	31	26	30	23	24	18	12	9	5	9	6	6	22
19	6	10	8	8	8	8	8	8	12	19	25	30	25	25	27	26	29	12	17	18	15	15	26	25	17
20	19	22	27	27	27	26	22	27	34	34	37	38	39	38	37	35	34	30	29	17	9	9	9	9	26
21	9	7	7	9	6	5	5	5	5	10	21	22	24	28	29	16	14	12	7	11	11	13	12	11	12
22	16	22	24	21	15	10	8	8	16	21	25	27	31	31	32	32	26	26	29	36	30	30	26	26	24
23	27	23	17	22	18	7	9	6	16	29	29	27	35	22	9	6	5	1	0	7	5	7	8	14	16
24	3	2	2	0	0	0	0	0	0	2	5	7	1	6	7	1	0	2	8	11	16	19	32	5	5
25	31	25	18	19	14	0	0	0	0	3	11	13	27	23	24	24	22	20	15	13	7	4	3	5	7
26	2	2	3	2	2	2	0	2	7	14	18	21	24	30	18	20	7	3	0	1	2	2	6	8	8
27	7	7	10	13	12	9	3	1	15	15	14	16	23	24	22	12	11	12	8	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	***	4	5	6	7	4	2	1	0	2	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	1	2	2	3	1	1	0	1	2	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	1	0	0	3	14	16	18	18	16	6	5	12	15	23	18	13	12	8
31	12	10	9	9	10	7	3	0	1	2	2	3	8	13	9	14	2	0	2	2	7	13	13	18	7
MEAN	13	12	11	12	11	8	7	7	12	16	20	22	24	25	25	22	20	16	14	12	12	13	13	15	15

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	21	21	20	19	17	8	4	5	13	****	18	23	21	27	21	7	4	0	0	0	0	0	0	12
2	0	2	1	1	0	0	0	1	1	1	3	2	2	2	4	10	12	12	14	12	20	23	18	15	7
3	10	3	22	20	13	0	5	6	4	4	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
4	0	3	12	17	21	22	17	11	12	10	8	14	5	3	2	0	0	0	0	1	2	4	11	4	7
5	3	3	3	4	4	4	3	3	1	1	2	2	1	2	2	1	1	0	1	0	0	0	0	0	2
6	0	0	0	0	1	5	1	0	0	0	0	2	5	4	4	3	2	2	3	4	5	12	12	10	3
7	8	14	18	26	31	24	17	14	17	28	20	11	17	14	13	10	2	3	4	1	0	0	0	0	12
8	0	0	0	0	0	0	0	0	0	2	6	12	25	28	28	37	20	1	2	0	0	0	0	0	7
9	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	2	2	0	0	0	6	6	11	11	2
10	12	12	22	24	24	21	20	20	11	7	2	5	9	9	12	8	7	9	6	1	1	1	1	0	10
11	2	4	3	1	0	0	0	0	0	0	0	0	7	17	14	9	3	6	11	14	14	18	17	18	7
12	23	18	17	11	4	1	0	0	0	1	1	1	4	5	4	***	4	1	0	0	2	2	1	2	4
13	4	3	3	4	7	3	2	1	2	4	11	12	17	13	12	11	6	5	4	4	4	2	2	6	6
14	2	6	11	5	7	23	16	7	7	15	18	19	20	19	19	15	8	13	13	12	10	10	13	12	7
15	14	15	13	10	10	10	5	2	4	11	16	15	13	11	7	5	2	2	3	1	0	0	3	3	7
16	2	2	0	0	0	0	0	0	2	5	10	14	16	17	16	10	3	0	1	2	5	7	6	5	5
17	8	10	10	8	11	13	10	11	13	15	14	15	12	13	12	10	9	5	8	10	14	12	11	12	11
18	14	19	22	23	18	7	0	1	2	2	3	7	6	5	5	2	3	1	2	3	3	4	0	0	6
19	2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	2	3	4	6	7	12	2	2
21	12	14	16	16	12	10	8	7	9	14	17	20	24	24	23	19	17	17	22	25	29	29	27	28	18
22	26	25	25	23	24	24	15	14	14	18	17	17	20	17	15	8	2	0	0	0	0	0	0	0	13
23	7	0	0	0	0	0	0	0	3	4	4	5	8	9	10	4	0	2	2	7	3	7	8	6	3
24	7	9	10	15	20	22	20	20	28	26	26	26	20	22	22	9	0	0	2	5	7	19	21	18	15
25	20	19	24	22	21	22	15	18	18	20	23	23	20	23	22	18	16	20	19	17	19	23	21	19	20
26	21	23	25	23	22	19	14	7	11	17	25	30	34	33	30	25	7	5	6	6	6	3	1	17	6
27	0	1	7	7	2	0	0	0	1	***	12	14	22	21	19	10	6	7	3	3	0	0	0	0	6
28	0	0	0	0	0	0	0	0	0	0	1	7	6	6	9	5	0	0	1	3	4	5	4	0	2
29	0	2	16	22	18	18	6	1	0	7	23	24	24	27	23	2	0	0	2	8	15	21	16	17	12
30	5	0	0	0	1	4	1	1	0	0	0	3	10	16	12	7	7	13	11	11	10	15	16	15	7
MEAN	7	8	10	10	10	9	6	5	6	8	9	11	13	13	12	9	5	4	5	5	6	8	8	7	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	17	17	17	14	13	10	10	15	14	13	16	15	13	12	14	13	13	10	10	10	9	3	6	13
2	5	6	8	8	7	7	5	4	12	21	27	9	16	23	26	25	29	30	35	37	35	35	35	19	
3	35	33	22	21	26	23	14	15	18	22	27	32	34	30	29	25	22	21	24	26	29	23	18	21	25
4	24	29	26	23	19	15	0	10	0	3	8	16	19	20	13	1	0	0	0	0	0	0	0	0	9
5	0	0	0	0	0	0	0	1	0	2	10	8	13	12	9	3	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	1	9	20	20	8	2	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	1	2	3	5	10	7	5	2	0	0	0	0	1	2	1	7
8	0	0	0	0	1	9	12	9	12	6	4	4	4	6	4	2	1	1	10	13	16	18	19	22	7
9	22	22	24	27	25	26	23	15	9	7	13	16	13	22	18	21	18	10	12	4	9	4	14	18	16
10	20	24	27	29	31	23	11	8	11	10	18	21	19	10	6	2	1	0	0	2	2	1	0	0	12
11	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	2	9	11	6	3	2	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	11	23	30	39	34	24	10	10	0	5	7	14	12	6	3	1	1	0	3	1	0	0	0	10
15	0	0	0	0	0	0	1	3	4	10	9	9	10	10	9	9	9	5	2	1	0	0	0	0	4
16	0	5	9	9	7	5	3	2	2	1	1	4	4	3	1	0	0	1	1	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	1	3	4	7	7	9	8	5	3	4	6	10	9	10	11	13	5
18	15	20	21	22	21	17	12	7	7	12	12	9	9	4	5	4	2	2	3	4	3	2	3	9	9
19	3	2	1	0	0	1	2	0	0	2	3	4	2	1	1	0	1	2	3	4	5	5	5	2	2
20	4	3	2	2	1	1	1	1	2	2	5	5	4	6	6	3	1	0	0	0	0	0	0	0	2
21	0	0	0	0	1	0	0	0	1	3	4	2	4	4	4	4	2	2	2	1	1	1	0	0	2
22	0	0	0	0	1	4	3	4	8	15	17	17	21	29	25	11	4	2	9	7	5	2	1	0	8
23	0	0	0	0	1	1	1	1	1	11	20	25	22	20	24	21	9	11	14	11	7	6	4	9	9
24	3	3	3	3	3	3	3	3	3	3	7	8	21	27	16	14	10	5	3	3	3	12	6	7	7
25	3	3	3	3	8	13	14	14	17	13	18	21	21	21	26	27	21	21	15	8	4	0	0	2	12
26	4	7	12	11	4	6	5	5	11	15	15	21	20	19	19	16	10	11	9	4	4	5	1	0	10
27	0	0	3	10	14	9	5	2	3	4	4	4	4	4	2	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	0	0	1	1	4	8	9	7	5	6	7	7	11	12	15	15	13	16	6
29	16	15	14	10	5	6	5	5	6	6	5	9	14	12	9	3	4	2	1	2	3	3	0	0	6
30	0	0	0	0	0	0	1	1	1	5	24	29	24	22	14	4	3	3	1	0	0	0	0	0	6
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MEAN	6	6	7	7	7	7	5	4	5	6	8	11	13	12	11	8	5	5	5	5	5	5	5	5	7

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB	2	12	12	24
MAR	31	15	30	41
APR	30	19	40	81 1
MAY	31	16	31	75
JUN	19	30	51	80
JUL	2	18	20	40
AUG	31	34	69	101 32
SEP	30	21	55	82 3
OCT	31	15	54	81 2
NOV	30	8	20	37
DEC	31	7	25	39
YEAR	268	18	69	101

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN								
	DATA MISSING							
FEB	13	18	3	0	0	0	0	34
MAR	273	252	157	56	0	0	0	738
APR	209	199	162	99	26	1	0	696
MAY	286	215	125	71	14	0	0	711
JUN	75	81	75	153	57	0	0	441
JUL	13	14	14	6	0	0	0	47
AUG	168	98	101	176	168	32	0	743
SEP	234	174	139	94	74	2	0	717
OCT	346	159	143	58	20	2	0	728
NOV	472	166	74	4	0	0	0	716
DEC	553	108	68	11	0	0	0	740
YEAR	2642	1484	1061	728	359	37	0	6311

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	1.0	5.4	13.4	22.4	41.0	53.7	68.9	75.5	101	17.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	2	4	11	17	12	23	30	38	48	48	45	43	37	33	26	29	22	16	15	11	12	22
2	16	23	24	23	22	14	6	1	2	7	17	19	22	24	28	20	7	3	2	1	1	2	2	1	12
3	0	0	3	1	1	0	0	0	2	3	6	4	4	4	3	3	2	0	0	1	0	1	2	7	2
4	1	2	10	13	8	4	3	2	4	11	29	35	35	34	29	24	12	3	2	1	2	1	1	2	11
5	1	2	2	1	1	0	0	0	3	9	10	19	28	21	22	19	11	5	2	0	0	0	0	0	7
6	0	0	0	0	0	3	6	4	3	7	15	21	30	28	26	18	9	7	7	5	4	2	1	2	8
7	1	2	2	0	0	0	0	0	3	11	19	22	26	25	22	22	14	12	12	10	9	12	12	14	10
8	9	16	15	12	11	12	6	3	1	4	19	20	17	12	8	9	1	0	0	0	0	0	7	16	8
9	26	31	33	34	30	20	10	7	7	7	7	7	23	21	19	14	6	0	0	0	0	0	0	0	14
10	0	0	3	16	16	19	7	1	1	2	5	9	6	8	6	5	3	0	0	0	0	0	2	5	5
11	4	6	12	17	19	19	16	5	3	8	20	18	21	28	30	24	15	3	1	1	1	0	0	0	11
12	0	0	1	2	15	14	18	12	17	23	24	34	31	29	28	19	7	2	1	1	1	0	3	8	12
13	7	3	2	3	3	8	8	9	10	21	27	32	38	36	40	34	24	8	4	4	4	1	1	0	14
14	13	23	30	23	15	8	7	6	6	14	17	13	11	8	11	12	8	6	3	14	14	13	14	8	12
15	7	8	11	10	6	5	4	4	7	9	7	6	4	5	12	8	2	2	2	7	3	1	1	1	6
16	0	0	2	8	12	9	12	11	6	5	6	3	6	10	0	0	0	0	0	0	0	1	1	1	4
17	2	11	19	22	28	18	7	6	13	22	24	24	24	23	20	21	13	3	0	1	3	3	6	25	14
18	21	6	7	10	7	5	1	0	1	2	2	2	2	3	8	4	3	0	0	0	0	0	0	0	4
19	0	1	0	0	0	0	0	0	3	3	4	14	30	30	27	22	8	1	1	0	4	1	1	1	6
20	1	1	0	2	11	22	27	44	34	37	35	32	32	35	35	34	34	34	35	29	28	26	20	17	25
21	18	16	14	6	4	2	1	1	0	1	2	2	1	0	0	0	0	0	0	3	10	16	25	29	6
22	31	32	33	34	44	46	37	17	11	21	20	25	23	21	12	3	5	7	6	3	1	1	0	0	18
23	0	0	0	0	0	0	0	0	0	1	2	3	3	4	8	11	8	4	2	8	14	15	7	4	4
24	4	6	12	12	13	7	5	3	2	3	7	10	17	18	17	12	7	2	1	1	1	0	0	0	7
25	1	1	1	0	0	0	0	0	1	2	5	8	8	12	14	11	7	1	1	1	1	1	2	3	3
26	1	1	2	1	0	1	1	1	3	7	12	11	9	12	11	8	4	1	1	1	1	1	0	1	4
27	2	10	10	22	21	30	25	9	9	16	20	19	14	11	10	7	6	6	8	3	2	2	1	1	11
28	3	7	6	5	3	3	1	1	1	1	3	5	6	3	3	9	3	3	4	4	1	1	1	2	3
29	2	9	28	30	34	24	15	11	12	18	13	7	18	11	11	12	6	10	7	7	6	2	1	1	12
30	1	1	1	1	3	2	2	1	1	2	5	7	12	13	15	12	6	2	1	1	3	8	6	9	5
31	10	13	17	20	21	20	15	7	13	11	7	3	27	42	41	38	37	26	22	18	21	31	32	35	22
MEAN	6	8	10	11	11	11	9	6	6	10	14	16	19	19	18	15	10	6	5	5	5	5	5	7	10

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	43	42	47	49	49	47	36	23	18	21	35	37	27	30	28	7	2	1	0	0	1	1	7	4	23	
2	9	18	19	26	26	27	23	15	15	18	26	29	29	29	26	19	11	5	5	3	3	3	8	7	17	
3	8	10	14	22	22	24	27	22	26	28	29	33	35	31	29	27	22	13	9	10	3	2	2	2	19	
4	9	15	16	21	22	20	13	8	7	13	23	26	30	29	32	27	18	11	14	10	13	12	25	27	18	
5	29	29	30	26	28	26	12	4	6	20	28	36	38	42	41	38	26	16	16	15	9	8	8	11	23	
6	17	22	21	16	7	5	1	0	1	3	7	8	12	11	7	5	4	1	1	3	5	5	7	8	10	8
7	14	18	20	28	28	28	27	16	11	19	23	25	33	35	35	30	17	7	3	1	4	2	2	1	18	
8	1	10	14	18	12	10	6	1	1	4	5	8	12	8	7	7	6	2	2	1	0	0	0	0	6	
9	1	1	2	8	11	16	8	8	10	14	27	41	42	29	28	20	16	13	2	1	5	5	2	1	13	
10	1	2	1	2	4	2	10	6	22	32	37	45	46	43	36	31	25	16	15	13	4	1	0	18	17	
11	44	38	42	46	56	44	28	17	14	30	43	49	48	46	39	32	20	16	8	17	13	3	2	3	29	
12	11	9	10	4	3	10	9	2	2	3	13	19	23	21	20	17	12	5	2	1	2	2	1	1	8	
13	0	0	0	0	0	0	0	0	1	6	12	15	18	41	46	32	5	8	8	20	21	29	31	29	13	
14	38	42	45	47	44	42	33	14	13	19	23	25	28	29	26	27	21	14	1	2	1	0	2	3	22	
15	1	3	5	12	17	15	8	6	6	11	18	21	20	18	13	9	2	0	3	1	8	17	15	10	10	
16	16	23	22	23	18	8	12	11	15	20	35	28	23	13	8	9	5	10	9	12	18	4	7	5	15	
17	9	6	5	37	51	48	51	47	43	32	40	44	48	50	46	48	42	29	26	16	19	23	25	27	34	
18	27	37	34	27	25	28	5	4	4	5	12	35	41	36	28	29	26	26	17	13	23	17	11	10	22	
19	13	12	6	8	11	19	10	3	2	2	2	0	2	3	5	6	6	4	2	4	0	0	0	0	5	
20	0	0	2	10	22	25	24	19	12	25	33	51	53	48	39	43	30	19	10	5	3	1	1	0	20	
21	1	1	0	0	0	0	2	0	2	6	14	15	13	13	19	17	15	13	16	20	23	29	34	34	12	
22	37	38	37	26	22	25	23	15	11	14	10	15	19	13	7	3	2	1	1	9	14	34	44	45	20	
23	44	45	50	52	53	53	51	45	40	41	46	43	44	41	41	39	38	36	30	17	27	21	24	19	39	
24	16	12	17	15	13	25	12	12	19	30	41	44	39	40	42	34	31	26	23	24	16	14	15	16	24	
25	22	28	26	26	27	24	19	6	13	29	37	38	38	42	38	29	22	12	12	13	17	18	14	23	23	
26	5	3	2	2	7	8	12	5	7	14	31	44	51	57	59	53	51	36	13	7	1	3	6	11	20	
27	13	5	28	43	35	22	10	6	10	21	28	29	30	26	19	21	13	2	0	0	1	1	1	0	15	
28	2	8	15	10	15	25	21	12	7	12	17	21	22	18	22	19	9	2	1	2	3	2	1	1	11	
MEAN	15	17	19	22	22	22	17	12	12	17	25	30	31	30	28	25	18	13	9	9	9	11	11	18	18	

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	9	7	15	41	58	46	18	14	17	11	20	31	36	24	25	19	12	6	10	2	1	1	1	18
2	4	10	21	30	4	11	20	16	20	17	16	15	14	11	11	10	7	3	1	2	3	5	6	15	11
3	17	17	22	25	24	19	15	10	10	11	8	6	3	3	1	4	18	18	18	10	36	41	29	18	16
4	40	39	37	39	38	22	11	5	1	1	2	2	2	2	2	6	6	1	4	2	1	5	2	1	11
5	1	1	4	29	42	42	15	4	17	20	26	35	39	34	40	39	37	28	6	2	2	4	8	4	20
6	14	18	16	20	21	18	6	3	8	14	16	20	30	35	35	25	22	16	10	16	13	6	1	10	16
7	9	3	4	2	6	2	3	1	17	31	43	47	56	57	58	50	43	20	14	20	19	12	11	9	22
8	19	24	35	36	34	35	38	23	25	25	32	32	29	29	28	25	22	16	20	24	29	31	34	31	28
9	35	31	40	42	42	39	36	37	35	28	23	23	25	24	21	14	5	2	5	3	1	1	1	1	21
10	1	19	38	42	54	59	54	50	57	56	56	55	55	55	55	50	44	38	27	12	10	7	6	6	38
11	9	12	6	2	2	2	1	2	5	11	15	19	26	26	26	16	17	5	13	6	7	14	20	20	12
12	24	26	34	41	44	47	34	18	21	31	35	38	43	32	47	48	***	28	20	25	29	33	36	31	33
13	38	41	45	48	51	49	43	33	35	41	47	48	48	51	49	47	41	32	24	27	29	26	19	31	39
14	36	44	46	45	49	40	32	21	26	30	38	45	51	52	60	51	42	25	16	5	3	2	2	2	32
15	5	7	1	1	1	16	11	3	2	9	16	10	24	26	31	22	13	11	7	9	11	9	19	18	12
16	21	29	39	41	42	31	30	25	16	6	8	7	9	5	5	13	17	17	16	28	33	49	54	47	25
17	51	51	55	57	55	54	52	52	53	53	53	54	56	57	59	55	54	52	49	48	48	51	49	49	53
18	53	55	57	56	55	51	37	23	34	***	49	51	51	48	46	46	37	22	14	9	13	13	24	25	38
19	28	26	20	14	9	7	20	25	34	41	46	43	49	49	51	53	42	26	18	27	32	33	35	39	32
20	37	41	42	28	25	28	14	12	15	26	39	44	45	36	38	42	47	37	38	34	35	31	34	32	33
21	38	46	47	37	26	29	22	14	16	20	21	30	47	52	54	44	38	37	37	23	15	13	8	4	30
22	12	14	22	21	22	35	31	19	31	48	55	***	***	***	37	36	30	19	13	14	15	11	10	6	24
23	11	12	16	14	28	21	21	14	16	16	27	23	28	29	34	36	32	31	29	19	20	26	23	19	23
24	25	26	26	31	38	35	34	36	37	38	39	39	39	37	37	32	34	31	28	25	20	18	18	17	31
25	15	15	16	16	15	12	5	8	13	13	19	27	30	31	30	30	25	21	14	13	16	11	1	2	17
26	3	8	11	15	10	6	5	4	3	7	15	15	18	28	40	38	35	31	28	25	24	19	14	5	17
27	5	3	4	6	10	14	7	9	11	21	26	31	37	40	45	44	42	33	27	16	16	10	9	11	20
28	5	10	13	25	28	31	30	15	16	22	25	31	35	37	35	32	28	27	26	27	29	30	30	31	26
29	33	35	36	36	36	23	19	20	17	19	22	20	21	20	19	18	14	10	12	10	7	8	8	8	20
30	10	12	17	21	24	26	25	22	21	18	16	14	13	13	12	11	11	14	14	14	15	17	14	11	16
31	12	13	15	19	24	15	14	11	8	10	9	9	20	23	26	26	28	25	18	12	22	16	13	14	17
MEAN	20	22	26	28	29	28	24	18	20	23	28	28	32	33	34	32	28	22	18	17	18	18	17	17	24

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	28	32	31	34	38	31	21	24	18	24	33	40	43	34	25	15	27	28	28	35	41	38	39	30
2	31	40	46	44	44	41	27	5	2	6	10	14	19	25	28	30	21	7	15	16	23	21	10	7	22
3	4	13	12	6	2	1	1	1	3	13	22	28	31	26	24	23	23	21	32	23	4	2	5	4	14
4	18	3	29	42	45	31	20	17	15	17	27	26	30	32	34	42	46	39	32	24	10	8	7	3	25
5	3	8	16	23	27	26	24	17	15	15	18	19	18	17	17	13	11	5	6	12	14	***	***	***	15
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16	0	1	6	3	3	3	2	3	3	7	19	32	32	37	38	39	38	36	30	16	7	6	1	1	15
17	0	16	23	24	23	14	10	12	10	18	18	19	23	22	19	10	7	13	10	9	10	12	14	14	15
18	15	15	18	19	18	16	15	12	12	16	18	22	11	16	18	23	29	25	17	4	1	0	1	0	14
19	0	0	0	0	0	0	0	3	11	21	28	32	37	34	36	39	33	25	22	16	11	7	4	1	15
20																									
21	0	0	0	0	0	0	2	3	38	31	48	39	43	43	44	51	43	39	30	15	23	16	13	18	22
22	27	39	40	39	34	25	15	3	4	***	2	3	4	3	2	1	1	2	1	1	3	7	10	14	12
23	13	10	11	11	12	12	7	4	3	5	7	9	10	9	15	17	13	10	12	11	11	18	17	19	11
24	28	33	35	35	35	32	27	22	22	27	29	29	29	27	28	26	18	13	11	6	5	7	9	12	23
25	10	4	4	5	0	0	1	2	2	7	19	17	21	22	32	37	29	15	23	24	20	17	9	2	13
26	12	9	5	7	12	12	9	12	13	23	34	31	38	40	43	48	39	19	52	20	0	0	0	0	20
27	5	4	1	0	0	0	1	9	42	40	42	69	(83)	(86)	(83)	75	66	64	75	72	63	40	29	1	40
28	0	0	0	16	21	27	35	51	58	47	48	63	(83)	(87)	75	70	68	51	39	20	24	8	2	7	38
29	21	18	14	13	16	2	1	1	0	5	5	4	17	21	20	35	31	39	35	24	10	9	8	7	15
30	8	17	20	1	1	2	1	6	16	40	34	27	39	25	27	19	15	14	15	12	4	16	34	17	17
MEAN	11	14	16	17	17	15	12	11	15	20	24	27	32	32	32	32	28	24	25	18	14	13	11	9	20

PERCENTAGE OF DATA VALID - 64

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	30	31	28	26	17	10	11	24	36	40	41	36	35	32	34	33	33	28	24	10	9	5	6	25
2	14	13	3	4	8	18	23	22	25	26	29	34	35	32	33	33	34	34	29	29	34	36	24	10	24
3	1	0	1	8	1	0	0	0	0	3	6	8	20	12	6	9	20	33	25	23	20	18	15	19	10
4	22	22	23	25	24	17	15	26	30	31	32	35	36	36	33	30	22	23	22	14	15	8	0	0	23
5	0	0	0	0	0	0	2	9	25	34	32	31	28	30	36	42	38	36	29	32	62	39	37	34	24
6	26	25	16	16	27	23	11	6	13	8	6	21	25	24	22	22	22	24	21	23	29	29	30	33	21
7	36	37	37	36	31	18	7	14	25	30	29	27	31	28	26	19	20	21	18	18	11	7	0	0	22
8	1	1	4	1	0	0	0	2	12	18	18	22	19	25	21	16	18	15	16	21	32	40	37	44	16
9	43	45	42	41	38	23	6	0	0	0	0	0	1	1	3	8	6	6	10	8	13	15	14	14	14
10	20	22	23	23	28	21	15	21	23	30	30	33	40	40	30	21	23	21	16	10	4	4	4	20	22
11	23	24	27	25	22	20	18	30	40	40	41	49	43	43	39	44	40	42	44	52	35	17	9	18	33
12	5	23	44	51	49	48	25	34	19	19	29	15	9	8	15	19	30	32	26	18	21	34	27	28	26
13	38	36	32	25	26	18	11	9	12	16	21	22	23	23	22	20	19	19	19	13	9	3	3	3	18
14	10	13	11	5	2	3	3	16	19	19	24	25	36	44	58	69	74	71	57	31	13	21	43	53	30
15	46	47	39	32	38	31	23	16	18	20	19	34	38	44	45	46	44	38	34	29	33	21	11	12	32
16	13	21	25	20	7	4	2	9	22	25	25	23	13	12	4	2	2	8	17	18	22	22	18	29	15
17	30	30	19	12	2	1	2	1	3	23	44	54	59	40	37	40	32	25	16	8	2	1	3	19	19
18	6	16	25	32	32	26	31	29	32	43	49	46	47	47	43	37	30	20	14	21	17	14	13	12	28
19	8	18	23	28	31	23	28	31	33	36	39	40	40	41	42	38	37	32	30	13	14	8	1	4	27
20	6	19	25	16	3	7	17	35	37	41	39	43	42	45	47	43	38	38	39	38	16	11	9	20	28
21	20	18	11	20	34	23	18	19	29	25	37	30	28	24	34	29	43	27	17	7	1	1	1	1	21
22	19	31	53	35	9	1	2	2	9	32	50	106	102	100	102	84	42	34	25	26	36	38	33	35	42
23	25	10	33	28	31	26	9	7	6	10	26	38	55	55	53	50	53	54	50	39	32	23	11	8	31
24	5	1	10	12	13	4	3	13	24	29	30	31	30	26	23	22	17	19	21	19	16	16	14	15	17
25	17	27	23	29	27	25	26	29	28	29	29	31	35	38	35	36	34	34	30	26	23	19	21	20	28
26	22	23	24	27	31	31	28	28	26	26	30	28	24	20	28	21	21	13	6	6	2	6	8	12	20
27	17	20	18	21	17	7	3	11	20	13	18	36	21	10	20	26	13	8	10	5	1	1	1	1	13
28	2	5	9	8	14	10	7	10	6	13	24	31	31	37	39	30	34	37	30	23	34	44	46	49	24
29	38	23	11	8	7	3	1	1	1	1	3	6	17	44	66	51	39	30	25	17	8	15	4	9	18
30	18	28	22	34	39	28	16	13	15	28	44	61	80	76	87	72	57	52	52	43	24	13	10	6	39
31	19	41	43	45	40	31	21	17	20	20	26	42	55	45	35	20	46	24	25	22	20	17	13	14	29
MEAN	18	22	23	22	21	16	12	15	19	23	27	33	36	35	36	33	32	29	26	22	20	18	15	17	24

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	19	17	20	23	17	12	13	17	23	26	28	31	35	34	29	28	30	31	18	4	2	3	5	20
2	1	1	1	1	15	21	23	23	29	28	25	41	56	57	48	51	49	46	36	37	13	5	1	1	25
3	6	16	18	1	1	2	2	5	18	19	29	36	58	59	77	77	70	66	57	60	50	48	24	1	33
4	1	0	1	0	0	1	3	6	8	16	35	54	56	63	68	72	77	71	54	46	31	22	21	29	31
5	36	58	39	7	3	11	6	10	31	63	88	81	82	86	94	112	115	110	121	103	86	43	16	41	60
6	35	41	41	32	31	16	9	21	53	55	58	74	87	80	76	86	70	68	51	32	40	49	39	42	49
7	31	35	46	55	61	58	44	35	54	59	63	66	63	74	69	94	80	75	55	38	14	19	23	21	52
8	8	19	30	35	43	44	46	38	53	60	71	62	63	59	69	49	46	50	48	52	42	14	8	14	43
9	16	5	3	8	2	10	21	43	36	40	48	62	71	73	58	53	49	45	49	26	32	31	19	21	34
10	24	25	23	23	13	12	10	15	23	26	34	46	43	40	50	37	37	46	44	32	19	17	10	20	28
11	23	22	16	9	12	18	18	15	17	21	22	26	33	35	38	38	32	28	34	23	22	28	14	32	24
12	30	22	13	23	22	15	8	17	30	36	41	43	42	40	32	27	30	30	18	15	15	22	2	3	24
13	1	2	3	9	21	20	13	10	12	22	30	43	30	18	21	12	14	16	18	5	2	1	3	1	14
14	3	2	1	2	4	1	1	3	21	21	35	57	66	52	46	43	54	68	70	71	44	25	3	30	30
15	14	16	24	28	27	34	30	25	20	23	17	12	13	28	37	40	38	14	14	28	26	20	4	0	22
16	3	6	22	35	32	29	14	24	31	40	37	32	37	47	64	62	62	55	47	38	30	23	6	23	33
17	17	7	1	9	14	7	6	6	8	13	15	16	23	26	27	18	19	29	37	28	20	25	8	15	16
18	28	28	32	34	22	13	2	3	5	5	5	4	4	8	8	13	4	6	7	8	4	11	9	5	11
19	24	27	20	34	37	17	5	7	3	3	3	8	11	11	8	6	5	4	4	3	4	3	0	0	10
20	0	0	3	2	10	6	1	4	24	38	35	42	75	79	71	60	26	38	32	15	3	3	0	1	24
21	0	18	36	27	4	1	1	5	14	27	40	45	76	90	87	46	38	48	23	24	12	19	14	14	30
22	13	10	9	16	16	19	22	22	27	34	39	33	43	37	37	35	29	25	19	10	6	3	3	6	21
23	11	14	17	20	20	19	20	21	22	21	20	20	18	22	26	26	29	24	16	9	5	2	2	4	17
24	8	12	17	12	11	10	6	4	12	20	24	24	18	19	10	8	8	7	6	7	2	1	1	3	10
25	10	13	17	17	17	14	5	3	6	16	25	37	41	30	23	33	38	38	19	3	1	1	0	2	17
26	6	17	22	29	28	19	6	10	23	32	34	39	42	36	38	25	18	24	29	20	13	14	18	6	23
27	10	1	1	6	5	3	10	6	29	36	47	50	56	58	48	45	40	37	44	38	11	2	1	1	24
28	2	2	3	11	14	14	7	19	28	37	40	53	56	59	68	73	67	74	78	62	53	51	40	41	40
29	41	37	29	35	37	40	38	34	33	21	12	15	28	33	35	24	35	36	26	10	10	30	42	39	30
30	30	11	7	30	44	39	55	80	62	53	55	54	51	57	59	59	66	76	69	70	70	64	64	50	53
MEAN	15	16	17	19	20	18	15	18	25	30	35	39	45	48	48	45	42	42	38	31	24	21	14	15	28

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	4	5	19	21	31	34	55	50	46	43	41	41	41	38	36	26	3	7	24	51	26
2	48	55	47	40	35	13	13	9	16	22	26	36	45	54	54	48	51	52	36	35	35	28	18	18	35
3	12	18	19	32	39	15	0	7	19	28	19	13	36	44	73	80	63	49	36	10	2	19	28	28	46
4	44	49	44	32	20	20	13	16	26	45	72	85	99	89	89	90	84	88	64	28	6	1	0	0	46
5	23	16	13	11	4	3	4	9	12	20	24	26	30	27	27	27	27	28	29	22	12	9	7	2	17
6	3	0	0	0	0	0	1	7	19	29	37	38	36	37	37	37	31	31	45	31	28	11	0	0	19
7	0	0	0	0	0	0	13	18	42	46	62	84	112	145	130	108	91	82	75	55	18	13	13	17	47
8	25	17	35	32	15	5	8	20	39	80	79	94	94	94	113	103	77	91	85	78	59	36	38	64	58
9	48	47	52	55	57	42	29	42	34	47	70	90	90	94	70	101	84	66	62	48	45	52	51	37	58
10	40	42	45	48	40	32	21	17	22	27	27	32	36	36	36	35	29	25	20	15	15	12	12	14	28
11	14	14	14	14	14	11	9	9	12	15	18	21	****	****	****	****	****	****	****	****	****	****	****	****	****
12	14	17	20	19	13	9	5	7	13	27	31	37	39	56	67	50	54	61	51	21	13	2	0	2	26
13	0	0	0	0	0	0	12	24	17	35	56	87	(97)	(102)	(97)	95	92	71	61	26	8	22	46	26	41
14	15	20	48	41	42	47	46	41	55	50	71	77	****	****	****	****	****	****	****	****	****	****	****	****	****
15	38	34	23	29	36	27	19	21	29	24	26	35	41	34	28	25	27	27	23	19	15	16	12	13	26
16	17	18	18	21	20	17	11	9	14	20	29	40	47	60	75	71	65	91	80	41	6	10	4	3	34
17	3	1	1	2	3	3	3	4	6	15	12	16	19	18	13	23	26	24	25	21	23	15	12	11	12
18	13	12	9	15	26	23	21	22	30	36	48	71	79	78	81	75	74	80	76	71	51	37	30	18	45
19	17	35	36	33	28	19	12	11	19	23	24	24	24	22	21	20	21	19	15	10	8	2	2	8	19
20	13	15	17	17	14	14	16	17	18	20	22	27	30	36	31	26	29	28	19	16	5	3	2	3	18
21	5	7	11	13	14	14	15	18	21	17	22	20	22	25	35	28	25	22	15	4	0	0	0	0	15
22	0	0	5	0	0	1	2	5	11	30	42	74	80	65	65	55	40	45	53	52	43	35	24	12	31
23	48	49	51	54	52	40	24	12	8	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	22	31	41	41	34	25	15	19	24	39	48	46	37	59	85	40	44	40	32	17	15	11	6	7	29
25	44	40	35	25	22	15	9	6	7	17	24	31	39	45	47	43	47	40	37	29	28	31	27	27	30
26	32	22	28	23	28	24	14	17	13	15	6	7	21	39	38	32	49	50	47	38	7	17	0	24	4
27	1	1	2	3	4	4	15	31	36	52	86	101	108	116	104	102	97	89	55	64	49	22	25	49	4
28	15	0	2	10	2	1	9	38	41	52	51	41	54	59	63	65	55	51	46	42	35	23	1	10	32
29	37	61	61	43	31	26	15	13	14	27	17	7	23	20	25	30	31	36	25	2	1	0	0	0	23
30	0	8	14	14	11	6	3	5	17	8	23	30	32	30	24	17	28	18	15	9	0	0	3	7	13
31	5	2	8	11	9	5	2	5	14	18	17	11	21	15	18	15	19	24	18	8	1	0	0	0	10
MEAN	19	20	23	22	20	15	12	16	22	30	37	45	51	53	57	53	50	49	43	29	20	16	14	15	30

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	3	8	16	17	11	8	2	3	14	21	36	27	31	25	29	32	30	16	7	3	6	2	1	15
2	4	15	25	17	13	7	2	0	2	7	30	52	63	73	87	86	89	(110)	(107)	86	80	70	55	35	46
3	28	46	39	34	29	34	24	31	36	35	49	52	54	60	72	63	63	60	52	39	48	50	49	43	45
4	47	54	55	44	46	42	42	39	26	28	35	36	49	56	54	48	44	35	31	25	18	6	3	2	36
5	7	18	17	16	16	20	23	34	39	38	26	38	38	27	24	27	30	29	28	13	3	1	1	1	21
6	0	1	0	2	1	1	1	1	7	19	25	39	28	32	38	39	36	36	30	26	26	14	2	9	17
7	7	7	22	25	27	9	0	1	17	17	31	33	37	38	38	41	47	34	32	48	44	34	20	25	26
8	4	6	0	0	0	0	1	2	2	38	40	59	68	76	76	70	57	49	35	30	29	32	25	25	30
9	11	4	10	21	13	0	2	4	18	31	21	32	49	72	66	55	55	44	44	35	17	18	16	12	27
10	7	6	3	7	13	14	11	13	25	34	54	63	55	55	70	57	57	55	61	47	56	41	38	38	38
11	38	38	34	26	20	14	20	34	48	60	75	82	103	72	79	83	78	72	68	54	37	34	43	56	53
12	58	52	51	44	28	10	4	4	5	13	15	15	22	17	26	40	40	36	27	10	0	0	0	2	22
13	7	8	0	0	0	2	2	4	22	27	31	41	67	87	(99)	81	76	49	36	20	13	9	9	7	29
14	11	12	10	11	11	6	2	4	7	14	15	17	23	23	26	27	29	22	16	9	2	1	2	0	13
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	12	26	47	43	30	30	34	16	21	36	50	57	69	98	75	56	51	51	41	29	25	17	10	5	39
18	5	7	10	17	25	29	24	29	33	39	44	44	47	47	64	62	61	51	47	36	12	6	8	15	32
19	36	32	36	24	17	8	4	10	16	25	39	68	138	128	83	69	75	63	29	5	5	0	4	23	39
20	8	0	28	(92)	42	19	12	19	37	62	57	65	106	88	106	(96)	105	(115)	(120)	(92)	66	38	47	65	65
21	42	32	19	4	8	3	1	3	9	35	37	87	84	81	87	73	86	85	96	73	73	56	60	68	50
22	56	29	19	32	50	32	25	46	64	63	65	92	111	116	(111)	(111)	95	85	73	66	60	71	51	26	65
23	28	21	45	48	48	30	17	37	47	54	78	91	96	86	****	****	****	****	****	****	****	****	****	****	****
24	5	11	9	10	7	4	4	8	13	19	22	23	25	30	25	29	29	22	17	9	4	2	2	0	14
25	0	0	0	0	2	5	6	5	12	27	30	31	34	34	31	30	34	35	29	26	25	22	20	27	19
26	25	25	12	2	2	2	2	2	21	34	47	52	62	68	69	86	92	75	63	64	74	76	51	46	44
27	84	72	48	50	53	21	7	19	19	30	35	20	19	18	12	10	14	14	9	6	9	4	2	0	24
28	0	0	1	1	1	0	0	0	6	12	17	27	47	51	48	39	21	14	8	4	3	3	2	0	13
29	1	2	2	2	2	1	1	2	17	25	28	36	32	30	31	30	33	37	28	23	25	19	17	0	18
30	0	0	0	9	21	19	2	2	9	11	25	****	23	23	****	(101)	70	(84)	77	74	(82)	80	(93)	(101)	41
31	(100)	(92)	(88)	(92)	79	70	64	62	54	43	42	43	58	53	48	48	45	45	38	26	16	10	6	7	51
MEAN	22	21	22	24	21	15	12	15	22	31	37	48	57	59	60	58	56	52	44	37	31	27	22	22	34

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	5	6	5	5	5	10	30	38	44	47	52	50	59	61	58	45	28	27	24	20	18	18	28
2	18	12	10	23	26	19	14	16	18	18	17	19	27	26	22	20	11	11	13	13	20	19	15	20	18
3	29	29	32	29	34	21	7	5	5	11	14	25	31	36	37	35	37	27	19	11	5	5	5	5	21
4	5	7	17	12	12	7	6	6	9	24	34	37	37	36	32	32	32	31	15	14	11	11	9	6	18
5	5	6	6	6	6	4	4	4	8	16	33	44	49	47	32	31	32	32	27	11	6	6	2	2	18
6	2	2	2	3	5	7	5	3	11	30	38	48	51	52	54	52	53	51	44	39	50	43	36	6	29
7	4	4	10	24	31	24	14	14	28	50	58	61	78	87	77	70	66	64	66	53	36	27	14	14	41
8	6	4	2	2	2	2	5	29	35	46	55	66	90	92	84	81	62	50	51	37	29	27	31	41	
9	32	30	38	34	14	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	31	12	6	3	18	26	11	4	9	38	44	42	72	90	94	80	61	74	65	44	25	26	15	14	38
11	18	15	20	21	14	9	6	5	18	20	26	29	30	40	48	37	36	37	32	41	44	38	34	27	
12	30	35	31	17	18	20	7	7	7	5	7	7	5	5	5	6	5	3	1	1	0	0	0	0	9
13	0	1	15	33	30	5	0	1	4	12	7	9	16	15	25	24	19	17	13	4	8	11	10	14	12
14	12	22	30	28	24	21	13	15	22	43	42	42	40	37	31	29	30	12	12	8	1	0	0	0	21
15	0	1	2	7	15	15	21	38	48	47	52	54	55	50	36	38	46	31	8	4	2	4	7	14	25
16	16	20	22	21	18	9	1	3	12	23	26	31	39	35	27	28	25	24	13	11	20	5	0	0	18
17	0	0	0	2	2	0	0	1	3	9	29	77	80	70	48	17	14	7	3	6	8	6	11	13	17
18	16	20	25	26	26	15	4	4	9	19	29	32	27	27	29	29	24	24	11	23	3	2	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	14	15	7	4	3	3	3	6	0
21	5	3	4	6	5	4	4	4	4	4	4	5	4	18	36	36	32	21	9	1	1	1	2	2	9
22	5	13	16	18	13	15	23	24	24	23	27	28	27	28	29	29	29	22	5	3	4	2	0	0	17
23	0	0	2	9	0	0	1	1	5	8	17	10	4	8	12	15	14	8	6	1	0	0	0	0	5
24	0	0	0	0	0	0	0	0	11	20	30	35	35	35	22	23	23	24	22	32	23	15	22	19	
25	34	41	43	39	34	31	18	9	7	8	6	19	31	28	23	22	18	12	8	3	3	0	0	0	18
26	0	0	0	0	0	0	0	0	2	9	16	20	23	35	50	68	56	51	42	31	11	6	6	13	18
27	17	17	23	18	16	11	4	3	8	14	25	43	62	59	57	62	61	53	20	35	57	45	58	75	35
28	58	38	15	14	21	32	20	15	14	10	15	14	18	15	21	26	8	3	3	7	6	6	7	14	17
29	12	20	16	24	16	12	8	13	24	34	38	37	16	13	15	20	16	20	26	28	32	34	38	38	23
30	32	26	28	38	36	21	2	2	15	17	23	30	31	26	27	26	15	12	7	11	10	4	0	0	18
MEAN	14	13	14	16	15	13	8	9	14	21	27	33	38	39	39	37	33	28	21	18	16	14	12	13	21

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	1	8	2	0	0	7	7	5	8	5	7	7	6	8	9	4	5	6	1	5	12	5
2	17	19	20	20	20	17	9	8	11	20	25	30	28	22	15	10	11	10	9	5	2	2	2	2	14
3	2	8	7	6	5	4	1	2	10	19	26	31	32	32	32	16	14	8	1	4	6	0	0	0	11
4	0	0	0	1	0	0	0	0	9	13	15	17	18	10	7	10	12	15	12	5	2	2	2	7	
5	2	3	3	1	2	1	2	4	11	18	29	43	51	56	70	63	61	55	49	39	19	23	6	3	26
6	9	7	10	27	17	17	17	13	16	22	36	64	72	78	79	83	87	89	76	60	60	54	34	48	45
7	38	37	32	26	22	19	8	8	20	25	27	24	23	22	19	14	8	3	2	4	3	2	0	0	18
8	0	0	0	0	1	3	2	1	3	2	5	6	5	5	2	13	22	8	9	17	17	13	5	3	12
9	0	0	0	0	1	3	2	1	3	2	5	6	5	5	2	13	22	8	9	17	17	13	5	3	12
10	1	1	7	1	1	0	0	0	1	8	15	12	20	26	23	4	1	0	0	1	3	1	1	0	5
11	0	0	1	3	3	1	1	3	11	14	17	23	26	27	23	23	20	17	16	8	4	5	8	6	11
12	7	9	2	0	3	4	1	2	1	6	10	10	12	29	30	13	4	2	3	6	15	11	4	2	8
13	1	1	1	4	9	7	7	9	16	24	30	30	35	35	32	24	16	16	22	24	24	17	15	18	
14	6	4	2	0	1	3	3	4	17	26	41	56	62	53	36	21	17	15	9	14	17	16	18	22	19
15	24	24	23	22	21	13	5	4	11	20	27	29	29	29	29	14	8	2	1	1	2	4	4	5	15
16	4	1	1	1	0	0	0	0	21	27	33	33	33	33	25	20	10	16	6	7	8	0	0	12	
17	3	22	23	26	22	9	1	3	7	15	32	38	31	23	15	8	6	9	18	25	19	17	22	22	17
18	27	28	24	23	19	10	1	3	14	23	30	30	31	29	26	20	17	7	2	3	3	3	1	0	16
19	0	1	3	2	1	6	5	8	15	24	28	25	30	30	27	24	21	11	3	2	3	3	3	1	12
20	5	8	17	25	26	24	17	17	28	157	94	51	57	48	42	37	27	16	7	8	19	2	2	0	31
21	1	2	3	6	1	2	0	0	3	13	26	28	31	30	26	26	9	6	0	0	1	4	4	13	10
22	16	11	21	18	14	16	2	0	4	9	11	16	23	25	25	14	4	6	5	2	16	2	1	0	11
23	0	0	0	4	11	21	4	2	7	13	23	24	22	22	16	13	10	5	1	2	16	13	7	4	10
24	3	3	5	5	7	4	2	2	3	12	24	25	17	11	11	10	4	4	2	8	9	2	1	6	8
25	20	19	21	23	20	8	1	1	8	10	18	29	40	40	36	22	20	19	10	7	7	6	2	2	16
26	2	2	0	0	0	0	0	0	3	7	12	16	28	37	37	36	28	9	1	2	4	5	5	0	10
27	1	15	15	14	21	21	17	22	21	36	29	35	36	38	37	36	34	25	20	16	18	20	19	11	23
28	10	12	15	17	8	1	0	1	2	4	10	14	13	11	6	4	1	2	1	0	0	0	0	0	6
29	0	0	0	0	0	0	0	0	0	1	3	5	14	8	5	1	0	0	0	1	0	0	0	0	2
30	1	0	0	0	0	0	0	0	2	4	2	3	5	5	4	3	2	3	3	7	8	13	11	3	
31	2	5	0	0	0	1	0	0	0	0	1	3	1	1	1	0	0	0	0	0	0	0	0	1	1
MEAN	7	8	9	9	9	7	3	4	9	18	22	25	28	28	25	19	16	12	10	9	10	8	6	6	13

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	5	7	2	0	0	0	4	11	17	15	25	27	3	15	0	0	1	4	3	8	8	7
2	2	10	17	18	18	17	14	10	8	7	8	10	9	10	11	13	15	14	15	17	17	24	19	20	13
3	13	22	25	27	21	21	12	4	5	7	7	7	5	2	2	1	0	0	0	0	0	0	0	7	8
4	16	27	35	37	33	28	15	2	3	6	8	9	8	6	4	3	0	0	1	0	3	6	3	0	11
5	1	4	2	2	2	2	3	5	7	9	8	9	14	5	2	2	1	1	0	0	0	0	0	0	3
6	0	0	0	1	4	3	2	1	0	1	3	3	3	3	2	2	1	2	2	2	5	10	7	11	3
7	16	28	32	30	34	24	14	3	5	8	19	21	26	23	21	15	3	2	2	4	4	1	0	0	14
8	0	0	0	0	0	0	0	0	2	4	6	9	11	9	***	3	0	0	0	0	0	0	1	2	2
9	0	0	0	0	0	0	0	0	1	1	4	10	10	9	8	12	15	18	15	5	10	21	23	20	8
10	26	27	36	45	43	42	37	31	29	30	25	22	21	21	19	13	8	5	6	8	9	11	6	4	22
11	4	2	3	2	1	1	1	0	0	0	2	2	2	2	0	0	0	0	0	0	5	9	14	16	3
12	20	18	15	16	13	2	0	0	0	0	0	0	0	1	2	2	0	0	0	1	1	2	2	2	4
13	1	0	0	4	5	2	0	0	1	8	10	8	13	17	10	8	2	0	0	0	1	2	1	1	4
14	4	6	***	***	***	***	***	***	8	9	15	23	25	22	14	11	10	3	0	2	4	8	6	6	10
15	9	11	11	8	8	5	0	0	0	9	14	16	14	9	6	4	0	0	0	0	0	0	1	1	5
16	0	0	1	8	3	0	0	0	3	12	21	26	30	30	28	20	5	0	0	0	0	0	0	0	8
17	0	1	13	22	21	5	5	6	10	14	15	18	16	17	18	15	3	0	0	0	0	0	0	2	8
18	3	9	8	6	7	7	2	0	0	0	8	6	4	3	5	7	1	1	2	0	0	0	0	0	3
19	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	3	0
21	7	10	10	7	4	5	6	2	3	5	8	7	12	12	7	7	5	6	7	11	9	8	11	16	8
22	19	23	30	25	30	27	24	8	4	13	18	20	20	21	15	8	2	0	0	0	0	0	0	0	13
23	0	2	6	3	2	2	0	0	1	5	12	6	4	4	3	0	0	0	0	0	0	0	2	4	2
24	4	7	13	17	18	20	22	20	20	24	21	19	19	13	5	0	0	1	8	9	11	15	14	19	13
25	24	26	26	28	26	29	21	9	10	13	24	25	25	26	23	18	11	6	5	6	11	8	13	17	13
26	21	19	22	23	24	23	12	2	3	11	19	22	25	32	34	26	17	3	3	1	0	1	2	2	14
27	1	1	0	0	0	0	0	0	0	18	***	***	***	***	***	***	***	***	***	***	17	10	2	2	***
28	1	0	0	4	12	17	11	1	0	0	0	1	3	2	4	2	1	0	0	4	2	5	2	1	3
29	0	6	15	14	12	8	0	0	1	10	14	24	24	24	19	16	3	2	0	0	0	0	0	0	8
30	0	0	1	4	5	3	2	1	2	2	3	4	4	5	8	1	0	5	16	17	8	5	11	17	5
MEAN	6	9	11	12	12	10	7	4	4	8	10	12	12	12	11	7	4	2	3	3	4	5	5	6	7

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	20	19	14	9	9	18	20	21	20	23	19	21	17	18	18	14	9	14	14	14	11	10	9	16
2	17	24	30	27	30	31	18	7	4	8	14	18	24	22	19	15	7	6	14	15	16	12	18	22	17
3	23	27	31	30	34	36	31	22	11	***	25	28	32	31	21	17	11	6	9	13	15	20	21	20	22
4	27	28	28	28	32	34	25	9	9	15	18	20	23	21	19	10	3	0	0	0	0	0	0	0	15
5	1	0	0	0	0	1	7	1	3	7	10	12	6	6	3	3	0	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	2	5	9	14	16	20	12	7	7	5	12	5	3	8	5	5
7	3	1	0	0	0	0	2	1	2	3	7	8	8	9	8	3	1	0	1	3	2	0	0	2	3
8	5	3	1	1	2	6	5	3	4	2	2	4	4	2	2	1	0	0	1	10	15	17	21	19	5
9	24	25	24	22	28	22	15	4	8	18	23	22	26	23	19	14	5	7	7	6	5	6	1	8	15
10	22	17	21	28	32	29	17	3	1	2	5	7	8	5	5	1	0	0	0	0	0	0	0	0	8
11	0	0	0	0	0	3	0	0	0	1	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	2	4	0	4	2	2	1	1	0	0	0	0	0	0	0	1
13	0	0	0	1	1	2	3	2	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1
14	3	6	9	12	15	11	8	3	5	9	15	18	18	14	12	6	4	4	1	0	0	0	0	0	7
15	0	8	18	21	24	24	22	18	18	15	20	26	22	20	17	15	18	18	17	15	12	7	8	7	16
16	6	4	2	3	4	5	4	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	1	2	3	4	5	2	0	0	0	0	1	10	8	6	8	2
18	13	15	22	24	26	20	14	5	2	10	13	9	9	13	11	6	2	1	1	1	1	1	7	4	10
19	4	1	0	1	1	1	3	2	1	1	5	3	6	6	2	2	1	0	0	0	0	0	0	0	2
20	0	0	0	0	1	0	0	0	0	1	1	3	3	2	1	1	1	1	1	2	2	1	1	0	1
21	0	1	1	0	0	1	0	0	5	7	4	2	5	18	10	6	5	2	7	0	0	0	0	0	3
22	0	0	0	0	0	0	1	2	1	13	18	26	29	21	24	25	9	2	4	3	6	9	9	5	9
23	9	5	6	3	1	2	1	1	1	1	6	10	14	23	19	12	6	2	0	0	0	0	1	1	5
24	6	7	8	8	10	11	7	3	0	1	4	14	20	25	23	17	7	3	3	2	5	2	3	2	8
25	9	14	9	12	8	17	14	9	11	16	17	22	22	22	24	23	19	22	28	29	21	16	7	0	16
26	1	14	10	3	2	12	1	0	3	7	11	18	28	23	16	11	12	13	6	10	14	12	7	7	10
27	4	2	3	4	8	11	7	1	2	2	3	3	3	5	8	7	4	1	0	0	3	1	1	7	4
28	5	9	3	4	10	1	2	3	2	4	7	14	13	10	8	7	3	2	7	7	14	21	21	18	8
29	17	26	19	12	11	2	0	1	4	7	12	13	11	8	9	4	6	1	1	0	0	1	1	1	7
30	0	0	0	0	0	2	6	4	3	10	23	29	29	31	***	***	***	19	1	0	1	1	1	1	8
31	1	1	1	2	2	1	1	1	1	1	3	11	8	3	2	2	2	1	1	4	8	8	31	53	6
MEAN	7	8	8	8	9	9	8	4	4	6	10	12	14	13	11	8	5	4	4	5	5	5	6	6	8

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	10	25	48
FEB	28	18	39	59
MAR	31	24	53	60
APR	20	20	40	87
MAY	31	24	42	106
JUN	30	28	60	121
JUL	31	30	58	145
AUG	30	34	65	138
SEP	30	21	41	94
OCT	31	13	45	157
NOV	30	7	22	45
DEC	31	8	22	53
YEAR	354	20	65	157

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	475	136	82	47	0	0	0	740
FEB	256	155	132	113	14	0	0	670
MAR	161	188	138	199	53	0	0	739
APR	160	114	83	86	16	5	0	464
MAY	166	154	195	196	25	7	0	743
JUN	183	132	124	162	101	17	0	719
JUL	154	158	123	158	79	43	0	715
AUG	184	87	107	150	118	61	0	707
SEP	242	145	108	117	47	8	0	667
OCT	423	133	109	45	19	4	1	734
NOV	506	114	70	13	0	0	0	703
DEC	529	124	74	12	1	0	0	740
YEAR	3439	1640	1345	1296	473	145	1	8341

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95	0	1.0	5.1	14.4	25.3	44.4	56.5	77.6	88.9	157	19.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JAN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	3	4	4	10	7	13	18	19	21	23	21	19	16	13	6	7	9	8	5	3	1	10
2	1	11	17	15	13	11	1	0	0	2	8	10	9	11	10	7	3	0	0	0	1	0	0	0	5
3	0	0	1	1	0	0	0	0	0	2	4	8	7	9	6	4	2	0	0	0	0	0	0	0	2
4	2	2	4	8	6	8	8	1	1	6	12	14	18	18	18	15	6	0	0	0	0	0	0	0	6
5	0	0	0	0	0	0	0	0	1	6	9	12	14	15	13	10	4	0	0	0	0	0	0	0	4
6	0	0	0	0	0	1	6	6	4	6	7	12	13	****	****	****	****	****	****	****	****	****	****	****	****
7	0	0	1	0	0	0	0	0	2	9	18	****	****	****	8	10	6	1	1	3	4	6	6	7	4
8	6	9	13	14	11	4	2	3	11	13	13	17	16	14	5	1	0	5	3	3	5	4	3	8	8
9	12	18	19	29	23	24	19	17	13	18	21	23	24	23	16	8	2	1	0	1	0	0	5	6	13
10	4	7	9	6	12	17	13	4	3	11	16	16	17	17	15	11	6	1	3	3	3	12	12	9	9
11	16	21	23	25	27	25	18	8	8	11	21	16	18	17	14	8	2	0	0	0	0	0	0	0	12
12	0	0	0	3	4	10	12	7	9	14	13	13	13	11	10	6	2	0	0	0	0	0	1	1	5
13	1	0	0	0	2	6	8	6	9	14	15	16	17	15	13	13	9	1	0	0	0	0	0	0	6
14	4	10	14	15	12	9	5	0	1	9	11	9	6	6	****	6	3	2	6	5	8	7	5	2	7
15	3	3	7	11	7	5	1	0	3	7	4	4	1	2	3	1	0	1	4	5	9	5	3	1	4
16	0	0	5	11	22	14	3	5	2	4	3	3	1	1	4	8	5	0	0	1	5	12	13	13	6
17	18	25	25	25	26	26	14	8	12	25	23	23	21	22	23	17	9	3	10	13	16	12	16	17	18
18	19	27	25	29	23	20	17	5	3	8	13	12	7	5	****	3	1	0	0	0	0	0	0	0	9
19	0	0	0	0	0	0	0	0	3	4	8	14	10	10	11	5	2	0	0	0	1	0	0	0	3
20	2	2	6	14	17	23	26	28	30	29	28	27	29	32	33	34	33	32	32	31	30	28	26	25	25
21	22	20	17	14	13	12	7	1	1	1	4	3	2	1	0	1	0	0	0	1	6	5	11	18	7
22	24	26	27	26	26	26	17	3	1	3	10	9	9	6	5	1	1	1	4	6	3	1	1	1	10
23	2	3	4	2	0	0	0	0	0	0	1	1	1	1	2	5	4	2	1	3	3	1	1	0	2
24	0	0	1	2	5	3	0	0	1	2	4	7	8	9	9	****	2	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	1	2	3	5	4	6	7	3	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	4	6	8	8	10	11	4	1	0	0	0	1	3	5	4	3
27	2	6	7	12	18	13	10	12	7	13	12	10	8	6	4	2	2	1	1	5	2	1	0	0	6
28	1	5	3	3	3	2	0	0	0	0	1	2	3	1	2	3	1	3	1	6	0	0	0	0	2
29	0	2	14	11	15	15	6	1	3	10	6	5	3	5	4	6	2	0	2	1	0	1	0	0	5
30	0	0	0	0	0	0	0	0	1	2	6	9	7	3	10	6	3	0	0	0	0	5	7	7	3
31	7	8	6	9	11	10	6	2	8	7	6	14	15	23	21	20	16	****	****	****	****	****	****	****	11
MEAN	5	7	8	9	10	10	7	4	5	8	11	11	11	11	11	8	5	2	3	3	4	3	4	4	7

PERCENTAGE OF DATA VALID - 96

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH FEB 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	25	32	35	33	32	31	30	29	26	28	27	26	26	25	23	21	16	3	9	9	16	17	18	19	****	
2	29	29	30	35	36	36	37	35	35	33	32	29	28	28	26	25	23	15	7	9	2	7	11	22	23	
3	29	30	31	33	34	31	22	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
4	11	23	23	21	11	23	12	5	9	17	17	22	20	19	14	13	10	6	14	20	24	23	23	24	17	
5	27	31	31	24	26	28	14	14	17	18	17	17	17	16	13	8	0	0	0	1	0	0	0	0	2	14
6	7	12	14	8	5	0	0	0	2	7	12	21	22	23	24	20	8	0	1	0	0	0	0	0	8	
7	0	0	4	3	13	15	7	3	7	12	16	17	16	15	11	9	5	0	0	0	1	1	0	0	6	
8	0	0	0	0	0	0	2	3	10	20	24	23	28	25	23	22	16	14	9	7	3	0	1	9	10	
9	24	29	31	33	35	29	23	13	14	22	21	22	****	21	20	16	12	6	4	8	9	3	1	1	17	
10	3	5	2	1	0	0	0	0	1	3	7	11	17	13	14	12	9	5	1	1	3	4	1	1	5	
11	0	0	0	0	0	0	0	0	1	2	8	9	11	13	17	9	2	6	10	14	19	24	25	27	8	
12	39	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	28	35	30	****	23	6	11	12	18	22	16	12	11	5	3	3	2	1	3	6	5	6	4	3	12	
15	1	2	3	31	36	33	29	30	27	28	26	26	26	24	24	24	23	20	21	17	12	14	18	17	21	
16	10	17	21	29	****	****	****	****	****	****	****	****	****	****	31	33	36	34	30	27	35	34	29	26	****	
17	26	25	25	24	24	24	17	6	6	9	10	9	11	16	15	15	15	9	3	1	0	0	0	0	12	
18	0	3	8	18	21	22	15	9	9	18	16	22	26	25	23	17	8	2	2	0	0	0	0	0	11	
19	0	0	0	0	0	0	0	0	2	9	16	16	18	18	23	23	17	10	18	31	33	36	39	37	14	
20	39	38	36	33	30	26	26	23	22	27	24	10	8	7	****	4	3	1	5	8	22	27	29	31	21	
21	31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
23	3	2	5	4	13	8	6	1	3	12	17	19	23	23	24	24	****	****	****	****	****	****	****	****	12	
24	1	1	3	3	4	8	5	3	3	7	15	17	18	16	16	14	6	1	1	1	1	1	1	1	6	
MEAN	15	16	17	18	18	17	14	10	12	16	18	18	19	18	19	17	12	7	7	8	9	10	11	12	14	

PERCENTAGE OF DATA VALID - 73

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	11	23	35	31	11	9	12	11	14	20	20	****	12	8	2	0	2	0	0	0	0	10
2	0	4	17	3	12	21	27	22	27	24	26	26	24	24	21	17	12	4	1	4	5	9	11	21	15
3	23	23	26	27	26	24	20	17	15	14	13	11	6	3	1	1	4	11	9	5	17	21	16	18	15
4	21	23	23	23	20	14	1	0	0	0	0	0	0	3	14	16	9	3	9	10	4	8	4	0	9
5	0	0	19	28	27	26	11	1	7	11	14	20	19	18	19	17	11	4	0	0	1	1	4	5	11
6	4	5	4	3	4	5	0	1	4	6	9	****	11	18	19	15	13	6	1	5	4	2	1	2	6
7	3	1	2	10	14	10	4	2	5	13	19	21	19	18	17	14	8	2	2	2	3	1	0	9	8
8	13	21	24	29	33	29	30	26	17	29	33	34	36	34	32	****	23	14	22	11	33	34	37	36	27
9	36	35	35	34	33	33	31	31	33	30	29	29	28	26	17	7	6	8	8	1	0	0	0	0	20
10	7	24	28	30	33	38	38	36	34	32	29	29	26	25	25	24	22	19	16	13	10	9	7	8	23
11	6	6	0	0	0	0	0	1	2	4	10	10	11	****	14	12	6	1	1	3	5	9	17	23	6
12	28	29	34	39	38	37	30	21	28	34	34	29	31	26	25	23	18	16	15	23	24	23	26	30	28
13	32	34	38	41	42	41	37	20	21	26	25	27	27	26	26	25	21	20	19	21	23	26	29	29	28
14	30	34	38	37	38	38	37	26	15	15	21	22	24	24	24	23	16	10	3	2	1	3	2	0	20
15	2	3	9	10	10	20	7	2	3	10	20	32	****	29	30	27	25	20	13	16	18	25	26	28	17
16	26	32	34	33	30	28	28	22	15	5	6	5	4	3	6	9	12	12	18	21	30	36	35	20	
17	37	36	39	38	38	37	36	36	34	33	34	34	31	31	29	30	31	30	30	31	33	32	34	34	
18	36	38	38	39	38	35	26	14	17	23	23	23	22	21	20	18	15	12	6	3	7	4	2	6	20
19	9	9	6	6	3	5	7	9	15	21	19	20	20	17	****	12	8	7	6	11	10	4	17	11	
20	21	19	17	14	12	8	2	4	16	24	30	29	31	31	32	33	35	34	28	25	30	33	36	11	23
21	27	14	17	24	30	31	20	11	15	21	17	16	22	24	26	21	15	11	16	3	3	1	5	1	16
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	12	8	19	25	24	14	3	****
23	13	14	15	17	27	36	22	16	12	16	15	15	22	22	23	24	24	19	23	14	13	26	18	23	20
24	28	18	22	28	41	42	32	30	37	33	30	28	30	31	27	30	32	32	27	27	22	19	14	17	28
25	17	17	15	23	19	18	8	8	10	18	22	22	24	26	****	14	14	17	19	12	14	13	1	0	15
26	1	1	2	11	3	1	2	4	6	13	25	22	17	22	31	30	24	23	24	21	21	25	26	18	16
27	12	7	6	7	6	5	7	5	10	22	25	29	31	30	34	30	26	22	17	3	1	1	2	1	14
28	****	****	****	****	****	****	****	****	****	****	****	****	****	39	40	****	41	43	44	44	45	49	50	52	****
29	52	50	39	31	31	32	29	28	34	42	42	43	42	42	40	41	39	35	34	31	26	27	26	26	36
30	28	31	34	37	37	37	36	35	33	32	32	32	31	31	32	30	33	33	34	35	36	35	33	31	33
31	31	30	35	40	35	24	9	9	13	9	6	9	12	18	21	20	23	20	25	22	24	15	12	13	20
MEAN	19	19	21	23	24	24	20	16	17	20	21	23	23	24	23	21	19	16	15	14	16	17	16	16	19

PERCENTAGE OF DATA VALID - 95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH APR 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	29	42	43	45	38	24	19	26	33	28	32	37	42	42	39	37	45	44	47	50	53	55	54	39
2	46	50	55	54	53	49	41	27	2	9	12	14	22	27	23	25	19	6	13	6	12	17	9	16	25
3	19	7	3	1	1	1	1	1	6	19	25	32	36	32	33	38	39	43	48	32	27	14	15	8	20
4	19	28	17	15	17	15	10	8	10	16	18	22	25	24	21	26	27	19	21	10	2	1	1	3	16
5	5	7	13	21	24	22	16	10	8	14	14	13	13	12	10	7	5	5	11	9	9	11	15	23	12
6	27	30	34	39	40	42	34	29	28	24	22	23	25	26	26	26	25	19	14	2	0	1	1	1	22
7	5	24	25	15	13	23	17	16	29	19	18	30	23	18	12	7	11	16	17	16	13	16	14	16	17
8	27	28	28	26	35	37	29	31	31	33	33	35	39	40	41	41	40	40	39	39	25	17	27	24	33
9	42	44	44	42	41	44	36	24	34	36	35	****	****	43	31	30	13	19	6	****	****	****	5	12	31
10	26	33	35	36	32	29	19	13	18	26	27	29	30	30	25	25	24	22	9	****	****	****	****	****	26
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	33	33	32	30	27	22	8	10	9	11	14	19	21	27	27	21	21	15	12	14	4	****	****	3	19
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	20	20	21	23	29	31	26	14	19	24	24	26	23	23	21	20	19	17	13	10	10	4	4	8	19
16	14	22	22	20	12	6	5	6	10	23	26	26	24	23	21	21	19	19	17	2	****	****	****	****	16
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	2	34	39	42	42	35	19	10	13	20	21	26	28	29	32	39	36	35	31	12	2	****	****	4	18
19	29	32	30	30	32	30	26	24	24	25	29	32	37	****	****	25	23	23	16	11	13	15	18	23	23
20	0	0	0	1	1	1	1	1	15	26	37	44	45	35	28	34	38	43	44	30	35	16	1	1	20
21	0	1	1	1	2	15	26	22	20	17	28	32	28	34	43	53	43	27	31	35	39	34	25	41	25
22	36	39	37	31	29	30	14	10	6	6	8	8	8	7	3	2	3	3	3	1	1	5	12	13	13
23	11	11	13	13	13	8	5	3	2	5	6	8	8	8	13	12	10	8	9	11	15	19	21	25	11
24	34	39	43	41	40	38	25	15	24	27	26	25	22	18	25	24	23	15	14	6	8	9	10	9	23
25	15	10	8	19	14	5	5	4	4	17	18	14	17	17	29	22	14	4	8	6	2	0	0	3	11
26	4	2	4	9	7	9	6	14	19	31	31	29	12	18	28	27	14	3	2	****	****	****	****	0	13
27	0	0	0	1	0	0	1	24	26	29	35	57	65	69	66	58	50	50	74	59	64	67	32	40	36
28	7	3	1	1	7	32	37	34	41	36	36	45	55	56	44	37	38	29	27	21	19	12	5	4	26
29	7	10	11	12	10	6	1	2	3	6	5	2	13	12	10	16	15	17	14	7	6	11	10	10	9
30	9	9	8	7	5	1	1	4	19	22	29	31	33	31	26	15	9	3	9	11	8	14	18	20	14
MEAN	18	20	21	20	21	21	17	16	18	23	25	28	29	29	28	26	24	22	21	18	17	17	14	15	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH MAY 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	26	30	30	30	12	4	10	21	28	29	25	25	24	25	20	17	19	15	11	4	5	8	11	19
2	17	15	6	8	16	29	38	35	36	35	36	38	39	38	39	41	45	44	40	43	43	45	44	37	34
3	32	29	32	27	17	9	2	2	2	2	6	6	17	12	3	7	10	19	15	16	18	17	14	18	14
4	20	25	25	28	27	20	22	21	19	19	19	19	21	18	18	18	17	20	15	8	3	1	1	1	17
5	1	1	0	1	0	0	3	17	21	34	33	32	34	36	41	46	47	49	45	52	53	52	48	48	29
6	36	21	21	22	23	18	8	9	10	12	8	***	18	17	18	14	15	20	16	19	25	31	31	33	19
7	37	38	39	37	34	15	5	9	21	21	18	20	18	17	14	15	12	13	14	12	5	0	0	0	17
8	0	0	0	0	0	0	0	3	10	10	21	***	24	28	26	25	29	30	29	33	37	37	44	47	19
9	46	44	42	37	32	27	11	5	1	1	1	0	1	2	3	3	2	3	4	5	8	7	6	9	13
10	11	13	17	21	21	13	6	9	13	15	***	13	16	17	17	7	11	8	6	2	1	6	24	31	13
11	30	32	29	17	6	2	13	28	30	33	32	31	33	38	40	42	45	48	53	56	49	32	28	28	32
12	10	20	27	16	12	11	11	7	6	4	2	2	2	2	2	3	6	6	2	2	4	8	10	15	8
13	18	17	17	17	18	11	4	4	8	8	***	10	11	11	9	6	6	8	5	3	2	0	0	0	8
14	4	7	12	8	7	3	8	17	17	17	17	19	24	***	33	34	35	27	15	7	2	3	12	23	15
15	22	30	22	30	28	12	6	7	12	7	9	13	16	19	20	19	19	18	15	11	10	6	8	11	15
16	10	10	13	10	8	2	3	9	25	25	27	23	22	21	9	2	11	22	23	28	27	13	16	16	16
17	18	22	19	19	11	1	0	0	0	4	9	12	15	19	14	13	15	14	6	2	1	0	0	2	9
18	5	10	25	31	28	17	18	20	31	34	34	36	36	37	28	19	14	14	11	8	8	9	12	13	21
19	22	27	28	28	29	28	25	28	29	29	30	31	33	34	32	27	19	15	11	7	1	0	0	0	21
20	4	4	0	0	1	6	24	32	32	31	33	35	36	36	36	37	40	44	37	23	1	0	3	1	21
21	1	11	25	29	23	22	22	22	30	***	31	35	35	39	39	38	40	37	24	9	0	0	0	0	22
22	4	30	26	1	0	0	0	1	9	18	33	52	71	58	34	35	21	14	13	12	19	20	18	20	21
23	18	10	11	13	12	4	***	1	5	18	24	31	37	40	41	33	39	40	34	27	19	9	3	8	21
24	9	3	2	9	10	2	4	4	12	15	19	18	18	***	13	11	10	7	7	7	12	8	11	10	10
25	19	18	23	22	28	24	18	20	20	17	17	19	17	18	19	23	21	19	20	14	14	16	10	10	19
26	14	14	15	16	22	22	24	23	22	18	18	17	16	18	21	20	14	8	4	6	10	5	9	14	15
27	20	20	22	17	14	4	3	5	13	14	15	19	21	8	9	13	8	10	1	1	1	2	2	1	10
28	2	3	3	7	11	4	3	8	11	17	20	21	28	***	25	28	33	33	25	15	25	29	25	26	17
29	26	31	31	18	9	9	2	2	4	2	4	11	32	54	92	78	64	42	44	29	12	5	18	13	26
30	6	27	31	31	29	10	4	18	27	33	39	60	83	79	89	97	91	84	62	40	27	30	4	2	42
31	37	46	48	48	47	43	37	34	34	31	28	31	39	***	30	16	16	24	13	14	16	15	10	6	29
MEAN	17	19	21	19	18	12	11	13	17	18	21	23	27	27	27	26	25	25	20	17	15	13	13	15	19

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	22	22	22	10	5	6	12	13	14	15	22	21	20	18	18	16	12	5	1	1	0	0	13
2	0	1	0	2	12	10	15	21	23	29	36	36	35	43	59	56	63	44	49	33	10	2	1	1	24
3	1	1	1	1	1	1	2	5	13	20	37	90	86	***	65	64	62	58	46	27	29	26	16	9	29
4	1	2	3	3	1	5	3	4	5	9	13	31	49	54	52	76	65	59	44	31	19	6	3	26	
5	2	3	12	1	1	2	4	14	31	50	49	53	68	66	72	81	95	105	111	100	72	46	21	36	46
6	34	44	43	32	36	34	25	18	45	59	***	59	69	78	78	75	78	72	65	49	51	53	53	40	52
7	40	43	51	53	52	51	56	61	65	62	64	71	66	72	80	92	93	87	81	69	8	2	13	41	57
8	41	43	45	51	49	45	37	36	40	38	43	58	64	66	62	54	51	49	49	47	42	46	22	8	45
9	3	1	1	1	7	13	18	20	20	26	34	38	38	38	29	23	31	37	36	28	21	18	17	19	22
10	13	18	17	16	12	9	3	6	17	21	25	32	22	26	40	28	20	28	23	9	5	13	14	10	18
11	14	14	12	9	10	9	10	13	15	14	14	19	23	23	24	24	23	18	7	4	8	2	2	2	13
12	13	10	5	10	19	9	2	9	16	25	30	31	27	***	24	22	22	17	8	9	15	12	2	0	15
13	0	1	1	8	13	5	3	9	10	12	16	34	30	17	20	17	12	15	6	2	1	1	0	0	10
14	0	0	0	0	0	1	1	1	10	22	25	***	***	63	65	64	64	55	62	60	59	41	22	43	30
15	36	36	41	35	33	26	20	16	11	12	24	24	19	31	34	35	32	6	13	26	35	32	18	11	25
16	12	23	27	32	33	23	18	27	23	28	35	38	27	38	58	64	68	60	60	52	51	36	23	11	36
17	8	5	2	3	2	3	3	5	7	11	9	15	19	16	25	19	19	26	20	20	15	16	10	11	12
18	27	32	30	29	23	9	2	2	4	8	6	6	4	***	9	14	9	5	4	3	2	7	9	12	11
19	19	23	17	23	28	9	2	7	5	9	8	12	29	29	26	27	31	26	26	23	17	16	4	1	17
20	1	1	0	0	0	1	1	1	6	16	44	71	65	78	64	47	32	24	21	13	***	***	***	***	24
21	***	10	26	10	0	1	1	11	17	21	19	52	59	77	53	25	34	27	22	16	18	22	21	19	24
22	19	16	5	2	14	14	12	13	16	20	26	30	31	25	26	26	22	19	17	13	6	10	11	13	17
23	15	16	17	21	20	19	20	21	19	20	19	23	26	23	30	24	15	8	6	4	2	3	10	17	17
24	10	12	16	12	9	2	1	4	12	15	19	22	18	16	***	12	4	6	5	1	***	4	4	5	10
25	10	10	13	10	5	1	1	5	13	18	29	44	51	33	***	41	43	42	24	4	10	3	1	2	18
26	13	19	23	26	21	8	2	8	16	36	43	50	55	53	42	47	35	31	46	43	27	1	9	2	27
27	2	0	0	0	1	0	0	4	23	44	53	60	60	65	63	64	62	53	59	54	17	2	1	0	29
28	2	3	10	2	2	3	12	21	31	41	46	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29																									
30																									

PERCENTAGE OF DATA VALID - 89

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH JUL 74

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
DAY																										
1																										
2																										
3																										
4																										
5	22	24	26	22	21	15	5	6	9	13	16	15	13	13	13	12	11	14	12	8	10	9	3	4	13	
6	2	1	0	0	0	0	1	7	6	17	29	24	28	24	21	22	29	24	34	23	12	10	1	1	13	
7	1	3	3	9	1	1	8	15	19	33	50	57	71	59	101	95	62	55	50	37	17	5	1	2	6	34
8	9	3	9	11	8	1	3	9	21	44	55	54	59	62	57	50	55	53	48	47	31	10	11	21	30	
9	21	40	48	58	51	39	9	17	37	57	66	73	53	38	36	35	37	35	37	24	28	38	27	32	39	
10	45	48	52	50	42	25	17	17	18	16	16	18	18	22	17	17	14	14	9	9	14	9	17	20	23	
11	21	13	14	16	10	5	5	7	12	18	23	25	24	25	24	22	22	25	14	9	6	4	6	11	15	
12	14	13	14	12	11	3	1	2	9	18	24	32	29	27	27	32	38	42	32	16	9	1	2	1	17	
13	2	1	0	0	1	1	3	9	20	41	59	80	86	81	78	75	68	65	58	33	14	5	32	34	35	
14	42	29	18	33	42	39	47	50	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
15	15	13	17	15	5	2	5	8	14	22	26	28	30	33	62	56	61	58	9	3	1	1	0	1	20	
16	0	0	0	0	0	1	1	3	9	10	14	19	19	12	11	24	19	19	18	11	2	0	3	10	9	
17	6	8	11	19	12	11	12	19	22	39	56	57	57	53	56	37	51	55	46	35	21	20	13	37	31	
18	37	36	37	31	17	9	9	17	19	17	13	13	15	15	12	10	8	12	15	10	4	10	14	23	17	
19	23	24	25	24	21	19	13	17	20	22	26	29	23	22	23	25	30	33	28	21	12	8	8	9	21	
20	11	17	13	15	15	14	13	21	26	28	27	31	33	27	29	25	35	34	32	11	1	0	0	0	20	
21	1	1	1	1	1	1	1	4	12	36	38	41	49	49	51	49	46	49	57	53	52	46	29	38	31	
22	50	52	51	44	37	22	4	7	19	30	30	39	39	39	39	58	61	59	43	40	14	0	9	19	34	
23	31	32	36	28	20	5	4	8	23	33	41	44	38	40	35	31	40	45	46	79	72	69	56	44	38	
24	36	29	22	11	14	17	12	14	18	18	12	18	25	31	36	40	44	44	43	41	41	41	40	37	29	
25	34	19	8	17	20	18	4	8	14	16	17	14	15	15	26	40	45	39	42	36	23	23	30	20	23	
26	13	9	7	16	20	11	6	8	18	24	37	53	63	58	70	60	62	53	34	57	52	36	8	3	32	
27	1	2	3	1	3	3	2	12	25	36	29	35	45	48	45	44	39	38	38	21	21	13	2	2	21	
28	21	38	41	24	17	16	10	6	7	11	6	4	14	11	11	3	8	20	21	19	13	1	2	2	14	
29	1	7	12	6	2	1	2	2	4	9	21	27	22	23	23	17	23	31	18	5	1	1	1	1	10	
30	1	1	3	2	3	1	1	2	4	10	11	5	12	10	14	5	6	12	12	7	1	2	2	2	5	
MEAN	18	18	18	18	15	11	8	12	18	26	30	34	36	37	36	33	36	36	31	25	18	14	13	15	23	

PERCENTAGE OF DATA VALID - 81

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	5	2	2	1	1	4	16	21	26	24	17	17	18	22	15	5	0	2	1	1	9
2	1	1	10	9	3	1	1	1	2	9	22	30	35	48	62	75	84	100	109	103	96	81	69	47	42
3	44	27	38	37	34	23	15	33	38	34	44	53	53	54	54	52	59	56	52	36	23	25	41	31	40
4	45	42	36	45	46	46	44	39	25	23	25	23	32	38	43	42	39	35	25	20	16	10	5	4	31
5	10	9	11	12	12	14	15	20	23	32	35	26	29	20	19	21	25	26	23	10	2	1	1	1	17
6	0	0	1	1	1	1	1	1	4	9	22	27	35	41	45	39	37	39	27	21	17	8	2	3	16
7	6	2	5	0	1	1	1	6	23	29	72	79	32	28	31	39	45	59	37	13	2	2	1	1	21
8	0	0	0	1	0	0	0	1	9	29	51	49	59	69	69	54	42	32	26	13	11	15	11	5	23
9	2	1	0	1	0	1	1	4	10	13	23	35	44	46	46	49	51	51	53	48	36	27	5	2	23
10	0	3	12	16	8	3	3	21	28	36	40	48	53	56	59	58	60	64	78	76	75	67	23	31	38
11	30	27	19	23	24	22	14	25	37	51	61	64	67	62	69	76	78	80	80	72	69	58	48	43	50
12	44	63	56	44	36	23	13	2	3	8	13	22	22	27	25	21	28	39	27	13	0	1	1	0	22
13	1	1	0	0	0	0	0	1	12	14	24	37	50	50	61	66	40	32	19	10	10	10	10	11	19
14	10	10	10	6	2	0	0	1	5	8	10	12	14	16	22	17	20	16	16	4	4	4	3	3	9
15	3	2	2	0	0	0	0	4	13	21	29	33	37	34	34	25	22	23	31	21	7	3	4	2	15
16	2	2	1	0	0	0	0	1	12	22	37	48	56	48	69	76	100	94	82	75	52	34	20	0	35
17	0	14	38	27	26	17	17	9	7	12	30	40	46	90	87	31	30	26	27	14	19	10	9	12	27
18	6	3	3	14	21	15	8	13	16	27	39	43	43	34	40	35	45	45	42	29	5	1	3	16	23
19	15	14	15	14	10	1	1	5	17	26	38	44	44	141	125	98	71	41	30	32	12	0	0	0	40
20	0	0	0	3	2	1	1	36	42	52	55	61	82	57	58	66	77	85	84	92	78	69	59	36	52
21	14	2	0	0	0	0	0	1	13	16	18	24	32	25	47	46	55	41	45	54	56	48	21	19	30
22	24	0	0	0	0	2	7	24	40	43	46	37	61	67	64	60	59	57	45	52	35	46	17	7	40
23	7	14	25	36	28	6	0	6	16	30	36	43	51	41	27	19	12	8	4	2	1	7	11	18	
24	7	5	7	6	3	1	1	4	8	10	12	14	17	18	20	21	20	19	16	3	1	0	0	0	9
25	0	0	1	1	3	6	7	10	11	16	23	27	27	27	28	28	30	32	29	17	15	8	16	24	16
26	27	23	5	0	0	0	0	6	24	19	28	47	45	48	59	65	58	56	42	45	52	53	42	37	37
27	52	54	47	44	31	10	6	11	11	18	22	9	5	8	7	3	4	8	5	1	0	0	0	0	17
28	0	0	0	0	0	0	0	2	4	10	12	14	16	16	21	14	16	15	5	1	0	0	0	0	7
29	2	4	2	2	1	0	0	3	8	16	24	27	29	28	27	28	25	26	16	0	0	0	0	0	13
30	0	0	0	0	4	5	0	1	4	9	6	16	25	34	47	39	30	22	13	11	21	19	29	40	19
31	42	41	34	38	30	26	24	23	19	20	14	14	16	17	19	0	0	0	0	0	0	0	0	0	0
MEAN	14	14	14	14	12	8	6	10	16	21	30	34	40	43	45	43	43	42	37	30	25	23	17	14	25

PERCENTAGE OF DATA VALID - 93

UNITS - PARTS/BILLION

NO 33003

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	3	7	10	15	20	26	****	****	15	9	4	2	1	3	1	4	****
2	4	9	10	12	11	9	4	10	9	10	11	13	12	7	5	2	3	2	3	5	11	7	5	12	8
3	16	15	12	9	21	17	5	2	6	12	15	12	11	15	14	12	12	5	0	0	0	0	0	10	0
4	3	7	10	4	2	0	0	1	7	14	14	10	13	18	17	10	11	6	3	2	2	0	0	0	0
5	0	0	0	0	0	0	0	2	8	14	24	24	22	18	16	19	17	14	0	0	0	0	0	0	16
6	0	0	0	0	0	0	0	3	11	23	28	29	28	****	23	37	38	37	35	35	33	8	0	0	8
7	0	0	10	14	9	2	1	7	16	25	32	37	43	47	45	45	44	42	37	21	10	8	1	0	21
8	0	0	0	14	0	0	1	6	19	30	42	35	34	34	****	****	****	****	20	12	8	7	16	23	14
9	19	26	25	19	14	3	0	2	8	9	22	****	****	****	****	****	****	****	****	****	****	****	0	0	****
10	4	12	6	4	0	0	****	0	7	21	37	****	****	****	****	****	****	****	****	****	4	0	0	0	****
11	0	0	3	6	2	1	0	0	2	12	15	14	****	****	****	****	****	****	****	****	6	14	11	12	6
12	11	11	9	2	1	2	0	2	1	2	2	2	2	****	****	4	7	5	4	2	1	2	0	0	3
13	0	0	3	10	10	1	1	2	4	8	7	4	****	****	6	5	4	3	2	1	2	4	4	6	4
14	6	9	15	10	9	3	1	5	7	17	17	17	15	14	10	10	9	9	1	0	0	0	0	0	8
15	1	4	7	10	11	13	14	21	27	25	25	26	24	26	18	12	18	11	1	0	0	0	0	0	12
16	13	16	14	15	13	4	0	2	7	13	12	12	14	13	14	14	14	11	2	0	5	0	0	0	9
17	0	0	0	0	0	0	0	1	3	9	23	38	39	36	20	2	2	0	0	0	6	7	7	8	0
18	10	20	26	29	26	21	7	5	14	23	***	36	32	31	32	***	****	27	8	0	0	0	0	0	17
19	0	0	0	0	0	0	0	1	3	10	19	26	31	33	72	48	37	35	34	50	43	40	36	24	8
20	23	11	11	24	22	14	3	1	3	6	8	****	12	11	10	9	6	4	2	1	1	2	2	2	8
21	2	3	4	5	3	0	0	0	1	1	1	2	1	6	15	16	11	9	3	0	0	0	1	0	4
22	2	6	17	14	13	16	16	15	15	16	16	16	15	13	13	14	13	10	4	1	0	1	0	0	10
23	1	1	1	2	0	0	0	1	3	8	14	18	15	****	****	****	4	2	1	1	0	1	1	1	4
24	0	0	0	0	1	0	1	2	10	19	24	25	29	34	36	25	11	12	12	14	7	3	3	18	12
25	19	30	36	25	22	14	12	5	5	5	5	14	17	19	14	10	8	3	1	1	1	1	1	1	11
26	1	1	1	1	1	0	1	0	3	11	10	18	24	32	43	52	38	32	16	14	12	12	3	3	14
27	13	8	18	21	15	3	1	2	6	14	21	38	***	46	57	49	47	21	25	48	61	62	60	56	30
28	40	15	6	25	24	29	27	13	7	3	7	6	11	15	13	14	9	6	9	14	8	14	19	21	15
29	18	11	12	17	12	5	5	6	13	20	24	20	8	5	8	9	11	12	17	23	28	29	34	35	16
30	36	27	32	32	33	11	0	1	4	12	12	12	14	13	13	12	10	6	4	5	5	0	1	0	12
MEAN	8	8	10	11	10	6	4	4	8	13	17	19	20	23	22	19	16	13	10	9	9	8	7	8	11

PERCENTAGE OF DATA VALID - 92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE - CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH OCT 74

[illegible]

PERCENTAGE OF DATA VALID - 25

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	4	4	4	3	2	3	3	2	0.000
22	4	6	5	2	3	1	1	0	0	0	4	5	6	5	8	4	4	4	4	3	2	3	3	2	0.000
23	2	4	5	5	5	3	0	0	1	3	11	12	14	16	19	20	19	18	18	18	18	20	21	11	
24	12	3	6	8	16	23	17	20	25	28	17	7	7	4	2	1	2	7	4	1	5	14	15	10	
25	16	16	16	15	17	14	9	6	7	8	8	9	8	8	0.000	7	7	5	2	2	7	5	5	4	9
26	5	5	6	8	9	6	2	0	0	2	4	4	5	5	6	4	4	2	0	0	0	0	0	3	
27	0	0	0	2	5	1	1	0	0	13	17	20	20	25	25	24	19	20	17	6	2	2	2	0	9
28	1	5	8	8	8	10	4	0	0	0	3	2	4	4	6	5	2	0	0	0	0	0	5	3	
29	8	10	4	2	6	1	0	0	1	2	5	9	11	9	0.000	4	8	3	4	4	4	3	3	5	
30	3	3	3	9	5	0.000	6	5	5	7	15	16	12	13	13	8	7	6	5	5	7	8	13	14	8
MEAN	6	6	6	7	8	7	4	3	4	7	9	9	10	10	11	8	8	7	6	4	4	5	7	7	7

PERCENTAGE OF DATA VALID - 30

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH

NO 33003

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	17	17	19	19	18	16	15	15	19	18	18	17	16	13	14	13	16	18	19	18	17	20	17
2	21	19	19	19	21	19	14	10	8	9	11	12	13	11	9	0.000	6	7	11	13	13	12	11	11	13
3	11	12	13	11	11	12	10	6	5	7	8	7	7	6	7	4	4	3	4	6	7	8	9	11	8
4	12	12	13	13	14	14	12	7	5	8	8	7	6	6	9	11	4	1	1	2	2	2	1	2	7
5	1	1	1	2	1	2	2	3	6	7	7	2	3	0.000	4	2	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	2	4	0.000	0.000	8	13	15	9	1	1	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	3	5	8	12	12	14	12	11	6	3	3	7	10	2	10	18	6
8	16	16	10	13	11	13	11	8	9	8	8	7	5	4	4	5	4	4	3	4	8	8	9	11	8
9	15	17	17	18	18	15	8	3	3	10	14	14	14	11	12	9	4	3	5	5	6	7	2	2	10
10	5	15	16	18	18	20	16	2	0	3	5	6	5	5	3	0	2	2	2	0	0	0	0	0	6
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	2	3	2	3	3	2	3	3	4	8	8	9	9	9	3
14	3	5	12	13	13	11	7	2	3	6	9	8	10	10	9	8	6	3	2	0	0	1	2	1	6
15	2	12	14	14	14	15	15	15	15	15	12	13	15	17	14	13	13	13	13	12	11	10	9	11	13
16	9	9	7	4	4	6	5	3	4	6	6	8	5	6	5	4	2	2	0	0	0	0	0	0	4
17	0	0	0	2	2	1	1	1	1	2	2	4	4	5	3	0.000	0.000	1	1	0	1	3	4	4	2
18	8	11	12	13	14	11	6	2	1	6	7	5	4	7	5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19													- DATA MISSING -												
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11	5	2	2	2	1	1	1	1	0	0	0.000
21	0	0	0	0	0	0	0	0	0	3	4	4	4	5	5	4	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	2	8	14	18	18	15	16	15	10	3	2	0	0	6	4	4	6
23	7	6	7	2	0	5	5	1	1	0.000	0.000	0.000	0.000	0.000	7	2	4	9	8	8	8	9	7	5	
24	6	7	8	7	10	13	10	4	3	4	5	9	14	16	17	16	11	9	8	6	5	5	4	3	8
25	4	4	3	2	8	14	11	6	7	9	12	15	14	13	14	13	13	15	18	17	14	12	10	9	11
26	4	3	4	3	3	3	2	2	4	9	13	10	19	18	15	13	11	10	10	5	5	7	6	4	8
27	4	2	3	5	6	5	3	2	2	3	2	0.000	0.000	6	7	7	6	6	5	5	7	6	7	5	
28	5	4	5	7	9	7	6	4	5	6	9	15	15	13	12	12	12	8	9	15	11	16	14	16	10
29	19	20	18	14	14	6	3	3	7	9	9	11	12	10	9	7	3	4	3	2	2	2	2	2	8
30	2	2	2	2	2	2	8	4	3	2	5	13	15	18	18	0.000	8	6	4	3	2	1	0	1	5
31	2	2	2	2	2	2	2	2	2	2	2	3	8	5	2	1	1	1	1	0	1	1	1	1	2
MEAN	6	7	7	7	7	7	6	4	4	6	7	9	9	9	9	7	6	4	5	5	5	5	5	5	6

PERCENTAGE OF DATA VALID - 91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7	25	34
FEB	27	14	25	39
MAR	31	19	36	52
APR	30	21	39	74
MAY	31	19	42	97 6
JUN	28	25	57	111 13
JUL	27	23	39	101 5
AUG	31	25	52	141 19
SEP	30	11	30	72
OCT	9	14	35	78
NOV	10	7	11	28
DEC	30	6	17	21
YEAR	315	17	57	141

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	532	127	53	7	0	0	0	719
FEB	227	112	111	44	0	0	0	494
MAR	204	158	193	152	3	0	0	710
APR	193	155	154	161	18	0	0	681
MAY	241	210	130	133	14	6	0	734
JUN	208	138	101	100	85	13	0	645
JUL	181	154	91	120	59	5	0	610
AUG	244	109	112	130	84	19	0	698
SEP	379	163	58	57	7	0	0	664
OCT	110	43	13	15	12	0	0	193
NOV	174	41	7	0	0	0	0	222
DEC	510	171	2	0	0	0	0	683
YEAR	3203	1581	1025	919	282	43	0	7053

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.9	4.4	11.8	21.3	37.8	48.5	62.2	74.1	141	16.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH JUN 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	68	62	57	51	47	45	44	40	35	31	33	44	51	53	56	69	66	62	52	51	47	46	47	46	50
16	46	45	45	42	42	44	42	40	42	43	46	57	61	72	91	93	93	85	76	64	53	53	61	49	58
17	40	34	27	17	17	10	5	14	17	24	29	34	35	41	52	54	41	40	43	41	37	43	40	33	32
18	18	21	34	35	34	30	24	23	15	10	7	9	14	19	25	42	34	22	26	23	3	0	13	36	22
19	34	26	17	13	11	23	30	27	16	23	18	31	38	48	51	47	43	49	52	49	40	38	34	27	33
20	21	18	17	17	12	11	14	33	50	58	75	107	175	165	89	69	65	62	54	51	38	20	11	12	52
21	9	5	4	3	2	5	6	9	42	50	****	****	****	211	206	210	174	114	87	68	59	59	56	50	68
22	43	38	36	32	39	39	42	45	48	53	59	62	61	61	60	58	50	48	46	44	37	34	31	32	46
23	35	32	31	31	31	30	31	31	31	31	32	34	37	38	41	45	47	43	38	28	19	18	19	26	32
24	28	28	28	26	27	28	23	23	28	31	35	39	38	39	43	42	42	46	33	26	17	24	34	31	
25	35	32	30	31	32	30	26	23	28	35	50	50	57	55	52	51	51	48	48	28	23	28	35	43	39
26	46	50	51	49	40	32	32	32	44	60	62	63	73	79	72	72	71	60	51	43	32	6	12	12	48
27	19	11	4	2	4	7	26	48	57	71	80	97	90	82	82	78	76	68	64	49	20	21	38	43	47
28	47	47	46	45	45	43	44	51	55	60	****	58	65	79	85	87	88	77	51	46	47	51	54	60	58
29	59	56	58	56	41	44	49	49	48	51	54	58	51	51	59	68	70	64	55	42	35	22	0	0	48
30	13	26	30	48	53	55	66	74	71	75	77	78	70	59	64	68	61	47	41	38	39	30	19	18	51
MEAN	35	33	32	31	30	30	32	35	39	44	47	54	61	72	71	72	68	59	52	45	37	32	32	34	45

PERCENTAGE OF DATA VALID - 54

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	32	35	33	16	13	22	32	40	44	48	44	45	48	51	54	54	45	40	36	11	11	9	2	33
2	30	47	57	60	56	48	37	39	45	61	74	****	****	****	87	97	100	88	86	47	27	13	19	17	53
3	****	****	70	61	57	47	37	39	54	70	80	82	90	96	74	75	72	72	84	62	55	42	17	10	61
4	12	11	13	8	11	31	46	76	123	****	147	142	150	140	142	130	117	73	56	32	33	25	32	33	69
5	32	33	24	21	21	17	19	29	32	36	36	34	33	35	39	43	43	41	34	27	20	10	5	7	28
6	19	25	25	18	13	26	36	44	50	98	108	120	129	123	107	108	94	72	57	19	12	4	14	19	56
7	32	56	67	60	78	82	103	112	112	115	125	135	134	127	124	125	119	95	78	62	38	58	80	83	92
8	91	95	93	66	51	73	86	102	122	129	132	135	134	143	135	131	124	122	99	83	99	97	85	77	104
9	81	83	81	76	69	81	98	119	143	145	129	124	120	114	104	99	91	111	110	97	90	94	81	79	101
10	76	69	60	50	39	37	40	39	39	****	****	****	46	57	55	51	49	46	46	45	39	36	34	33	47
11	31	30	24	23	21	24	24	25	28	34	35	41	43	49	51	55	54	46	37	36	37	38	35	36	
12	30	30	29	28	25	22	22	31	42	48	56	68	65	64	68	70	62	60	56	41	29	23	29	32	43
13	19	6	6	23	18	18	13	28	68	97	99	95	104	112	118	130	142	142	132	101	80	72	77	62	73
14	52	44	36	44	51	43	65	68	101	113	120	122	121	112	122	140	121	111	88	71	54	44	34	26	79
15	55	61	61	58	55	48	44	44	40	38	39	45	44	47	50	50	48	47	43	36	34	33	32	31	45
16	32	30	30	28	27	22	24	26	29	35	40	44	43	49	61	65	59	53	43	31	20	23	25	20	36
17	17	12	14	14	11	3	7	18	21	36	42	****	****	****	51	38	36	58	72	57	44	36	32	32	
18	22	10	1	2	3	4	16	22	20	37	54	82	109	116	121	131	139	141	135	135	131	112	96	80	72
19	62	64	61	51	44	41	34	28	29	29	****	41	43	43	45	45	40	37	37	38	28	29	34	41	
20	35	33	32	30	28	22	20	23	25	26	29	31	37	39	41	43	49	49	51	48	38	26	26	29	34
21	28	27	25	24	25	26	27	30	32	35	40	43	51	53	52	53	56	57	60	85	65	36	5	2	39
22	3	5	8	27	36	33	16	22	36	46	61	69	72	80	88	97	83	81	82	70	71	75	58	44	52
23	69	70	70	71	71	64	61	52	35	41	50	52	55	57	66	69	76	74	65	64	61	52	28	10	58
24	38	47	42	41	42	43	35	31	40	43	43	50	68	57	59	66	69	69	64	59	54	56	56	51	
25	44	40	39	37	34	30	30	30	30	30	36	51	63	66	77	79	75	67	63	55	48	39	32	36	47
26	37	36	36	45	48	45	42	47	45	45	45	****	45	52	50	48	58	58	69	66	65	48	60	52	49
27	46	47	41	29	29	27	26	28	31	34	57	68	83	88	78	63	53	51	50	41	36	29	21	11	44
28	9	11	13	11	7	7	14	18	16	16	19	21	22	24	25	27	29	29	26	13	11	4	3	17	
29	4	4	13	12	8	6	7	7	5	4	7	6	6	10	10	16	17	17	14	14	10	3	0	0	8
30	3	6	6	5	4	2	2	4	6	8	9	10	12	8	7	7	7	9	9	7	3	0	1	3	6
31	2	2	0	0	0	0	0	2	3	4	5	6	6	6	7	6	6	7	6	6	3	2	1	0	3
MEAN	35	36	36	34	32	32	34	39	47	52	61	65	68	69	70	71	69	66	60	52	44	38	34	31	49

PERCENTAGE OF DATA VALID - 98

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	3	2	3	2	1	2	3	4	6	****	42	42	44	31	37	45	37	23	25	4	0	0	16
2	0	1	0	2	10	35	40	47	48	43	55	68	86	113	135	142	147	139	123	103	106	115	103	82	73
3	71	61	50	37	29	29	32	29	39	54	81	92	103	101	99	95	96	92	84	71	53	41	32	26	62
4	23	24	30	38	41	43	44	45	41	41	46	53	69	71	78	68	60	48	48	39	31	20	15	19	43
5	11	16	23	27	31	29	28	42	49	48	43	44	41	37	40	44	46	46	39	20	11	5	7	4	30
6	6	14	20	18	13	3	6	17	36	46	54	58	75	84	82	84	69	76	58	43	30	15	2	2	38
7	3	3	9	17	27	24	22	36	54	65	74	84	104	168	134	102	96	117	101	57	6	8	13	12	56
8	13	23	48	41	20	40	38	25	48	78	92	111	117	130	130	133	112	89	54	28	10	5	0	2	58
9	0	1	6	15	12	10	18	22	30	39	47	54	****	76	76	75	64	62	56	48	43	23	20	28	36
10	33	31	31	31	26	30	30	36	42	45	50	59	66	78	78	73	75	70	76	72	62	53	53	55	52
11	50	47	43	42	37	32	30	29	45	67	85	96	113	102	94	98	96	95	93	84	71	63	57	50	67
12	52	56	59	55	51	47	35	15	10	14	28	54	66	77	71	64	69	44	41	37	21	32	38	41	45
13	26	21	16	14	12	8	12	16	21	36	57	87	96	93	89	78	79	68	54	42	36	31	26	23	43
14	23	21	18	19	17	12	8	13	16	17	18	19	26	32	36	39	37	40	37	23	18	20	20	17	23
15	15	17	19	19	21	18	15	24	36	41	46	52	59	71	82	78	89	81	75	43	26	26	11	7	40
16	9	7	3	0	1	1	11	27	38	60	78	138	156	143	139	155	167	148	121	96	81	81	59	60	74
17	42	26	18	20	18	8	9	11	27	53	74	79	81	86	84	79	74	64	55	58	49	41	37	40	48
18	40	37	35	38	39	38	37	41	48	52	57	64	72	83	86	95	87	91	77	59	29	6	1	0	51
19	1	27	25	29	28	22	14	40	55	62	****	66	70	76	77	77	79	77	70	67	66	12	17	21	47
20	41	53	62	58	58	30	41	38	79	85	96	104	114	132	147	136	113	117	117	125	130	112	93	77	90
21	69	64	42	35	30	24	6	15	53	54	92	144	151	127	122	118	127	130	130	116	91	82	79	75	82
22	49	41	36	22	18	12	18	23	52	63	118	116	156	166	172	155	138	137	129	141	138	110	96	74	91
23	43	20	10	11	7	3	3	34	61	75	98	121	116	79	68	55	46	44	24	29	28	23	22	23	43
24	16	15	12	10	9	7	12	17	26	29	29	29	36	44	41	39	37	28	13	15	12	10	10	10	21
25	5	9	12	16	16	16	20	21	28	33	40	47	53	56	56	56	52	45	32	20	15	12	12	12	29
26	13	13	12	9	1	6	25	39	49	63	****	106	101	109	101	121	121	121	90	66	67	79	72	64	63
27	61	72	78	64	46	44	47	43	11	23	38	34	36	35	32	29	31	30	20	15	9	6	5	9	34
28	19	25	23	22	20	11	6	13	19	23	26	31	32	32	34	31	31	27	12	9	10	9	14	15	20
29	16	16	12	13	13	9	6	16	24	25	29	40	49	55	58	62	62	58	49	36	30	5	3	3	29
30	7	4	7	11	40	36	28	28	29	30	39	46	52	59	64	90	122	94	71	56	44	37	39	27	44
31	30	46	58	56	52	52	51	57	57	58	54	49	54	46	45	43	46	47	41	27	22	17	10	13	43
MEAN	25	26	26	26	24	22	22	28	38	46	57	71	80	84	84	82	81	76	56	54	44	36	31	29	48

PERCENTAGE OF DATA VALID - 99

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH SEP 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	16	14	13	14	8	10	22	24	29	38	40	46	52	53	47	43	40	31	30	30	25	21	20	28
2	22	20	18	19	20	21	20	23	18	16	20	26	29	29	24	23	21	18	19	19	23	23	27	30	22
3	31	31	30	29	30	30	20	19	21	26	28	31	36	37	39	40	40	39	28	21	25	25	21	15	29
4	17	19	20	19	18	14	5	14	24	29	34	36	38	40	39	37	34	34	30	22	26	26	23	24	26
5	16	19	21	20	18	8	5	18	30	39	38	40	47	48	49	50	50	48	32	22	3	1	3	8	26
6	17	17	20	16	19	14	9	18	34	41	47	58	63	62	62	64	66	61	58	46	59	71	68	63	44
7	56	50	54	53	50	43	41	44	52	60	70	72	78	81	84	84	83	76	62	48	37	18	15	15	55
8	21	19	31	29	27	22	19	28	49	75	107	111	110	119	119	116	103	95	72	47	42	48	48	43	63
9	34	31	27	24	12	5	3	11	25	62	90	****	84	82	85	87	80	78	61	53	32	32	49	47	48
10	37	26	31	27	30	9	11	20	36	55	79	106	143	132	137	137	121	108	84	73	54	40	31	23	65
11	23	28	20	15	9	12	9	7	16	28	29	41	47	49	50	53	55	55	43	20	24	23	22	15	29
12	27	34	26	27	23	16	6	3	10	13	8	11	17	16	16	22	23	12	14	13	5	3	0	15	
13	0	0	0	3	12	21	16	13	22	32	38	****	32	23	25	27	24	25	20	16	21	24	30	32	20
14	32	29	30	30	30	28	20	24	31	39	41	46	42	43	43	41	40	37	29	17	2	0	0	0	28
15	2	0	3	9	19	22	22	30	44	50	52	52	54	53	43	50	42	23	16	17	18	20	27	27	29
16	27	25	26	27	25	19	16	24	26	29	32	37	40	42	44	44	42	32	32	24	6	5	5	2	26
17	2	2	2	5	5	3	0	4	8	31	57	76	77	71	52	42	33	30	24	26	31	25	23	25	27
18	27	26	27	30	27	19	19	21	27	32	34	****	43	42	39	40	39	34	29	14	13	19	21	20	28
19	17	14	15	22	12	9	5	12	19	29	40	63	79	93	99	105	87	74	62	54	52	51	48	47	46
20	42	43	37	37	35	29	24	21	22	27	27	****	35	39	40	38	33	23	18	12	12	13	18	18	28
21	17	14	14	14	12	4	0	2	3	2	3	11	22	38	37	38	39	34	18	12	12	14	10	17	16
22	23	27	25	25	24	23	22	23	24	25	27	29	29	28	28	29	31	29	19	12	9	3	0	0	21
23	3	9	15	23	21	6	0	11	20	25	32	35	33	35	37	30	25	21	14	12	16	2	0	2	18
24	4	5	4	4	2	0	2	11	16	19	28	47	49	47	52	52	42	36	27	20	15	16	24	32	23
25	29	19	18	27	32	28	14	7	3	6	28	30	37	34	30	28	25	25	22	15	9	9	8	11	21
26	16	16	12	10	10	9	3	8	6	19	28	38	50	62	70	62	42	28	62	59	44	24	33	30	
27	34	25	16	9	8	2	0	10	11	33	51	74	74	86	102	96	91	69	55	57	46	54	76	76	48
28	62	42	32	31	38	39	39	43	28	16	29	34	44	46	44	40	37	28	21	31	28	33	35	30	35
29	25	25	22	18	22	17	18	18	23	34	33	29	24	18	17	18	20	23	26	32	35	34	37	37	25
30	35	34	36	34	32	24	17	19	25	27	31	****	31	31	31	30	27	24	21	20	18	9	8	10	25
MEAN	24	22	22	22	21	17	13	18	23	31	40	47	51	52	53	53	49	42	34	29	25	24	24	24	31

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH OCT 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	15	14	16	18	21	21	22	20	20	21	21	22	22	22	20	13	9	14	20	20	17	18	22	18
2	23	23	24	23	22	22	22	24	26	27	29	30	30	27	27	26	26	16	7	8	23	20	18	17	23
3	10	12	23	29	31	33	34	35	36	35	30	18	5	6	26	26	26	16	7	8	23	20	18	17	23
4	10	12	23	29	31	33	34	35	36	35	30	18	5	6	26	26	26	16	7	8	23	20	18	17	23
5	1	6	7	7	6	5	4	9	13	18	25	35	48	53	59	68	76	73	72	63	49	46	25	27	33
6	29	14	27	25	24	27	21	17	18	22	28	43	54	69	65	59	55	47	32	24	23	30	39	32	34
7	23	23	22	20	18	16	13	14	18	19	18	17	28	31	33	32	29	26	20	22	19	20	13	6	21
8	12	10	14	23	22	15	6	9	25	35	35	35	39	41	29	12	7	4	9	15	19	21	18	15	20
9	19	12	9	10	12	11	4	3	5	8	17	17	21	18	19	14	12	5	0	6	20	20	26	29	13
10	24	21	20	17	11	5	2	2	13	31	35	37	38	37	35	30	27	22	20	10	3	9	7	7	19
11	11	19	18	18	18	15	15	18	20	23	23	34	40	51	53	48	46	42	44	43	30	25	23	8	29
12	11	3	1	0	0	0	3	13	17	17	15	30	37	50	44	19	13	15	18	22	21	20	24	23	17
13	19	17	19	20	19	19	21	25	26	26	30	29	30	31	31	27	23	16	17	17	15	17	22	22	22
14	18	15	15	16	16	17	14	19	22	29	34	38	41	47	42	26	21	25	26	27	28	26	23	26	25
15	27	26	24	21	21	18	16	21	25	25	25	29	31	31	31	30	21	15	15	14	20	17	18	15	22
16	16	21	22	22	21	18	13	22	27	24	26	27	28	32	39	42	40	30	23	17	13	2	9	3	22
17	0	0	14	27	28	25	15	8	18	26	34	34	30	25	24	25	28	31	32	35	34	34	34	32	25
18	29	29	27	25	14	7	24	32	34	34	31	31	31	30	30	17	7	9	17	8	5	5	7	14	20
19	10	5	10	26	30	31	32	34	32	32	32	28	10	7	14	11	14	26	26	25	27	30	32	31	23
20	33	35	36	36	36	35	36	35	29	27	21	17	17	21	16	13	16	18	9	3	7	14	27	32	24
21	34	37	37	38	44	24	16	2	0	2	12	14	9	5	14	20	21	21	17	17	21	28	30	34	21
22	40	47	47	40	36	29	11	13	12	10	11	11	11	10	9	21	18	7	2	13	19	22	24	20	20
23	22	21	18	15	12	9	9	15	24	28	28	31	35	32	31	28	27	16	18	17	13	9	0	0	19
24	22	21	18	15	12	9	9	15	24	28	28	31	35	32	31	28	27	16	18	17	13	9	0	0	19
25	4	15	25	28	21	17	22	20	25	28	28	40	39	39	39	36	30	28	26	22	16	12	9	10	24
26	11	14	13	5	4	6	0	0	6	11	24	34	37	37	39	41	40	31	23	17	6	9	34	32	20
27	31	30	28	29	29	31	28	31	33	36	40	43	44	44	42	39	34	26	23	19	14	16	16	11	30
28	10	12	14	18	25	23	21	27	26	31	38	29	34	28	24	17	15	12	10	8	22	25	18	11	21
29	0	0	0	0	0	0	2	12	18	20	20	16	19	26	26	26	18	15	14	26	28	30	32	13	17
30	17	17	16	15	10	6	15	23	15	22	23	26	15	4	4	1	0	0	0	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	3	2	2	4	5	5	4	15	6	0	0	0	7	25	19	5	4
MEAN	17	17	19	20	20	17	15	17	20	23	25	28	29	30	31	27	24	20	19	18	18	19	19	17	21

PERCENTAGE OF DATA VALID - 94

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	6	14	18	23	19	16	13	16	27	31	48	51	47	39	47	34	29	25	34	30	28	26	26
2	33	37	21	18	17	15	14	11	12	14	11	10	13	16	17	18	21	24	26	20	26	28	26	25	20
3	21	17	16	20	22	21	18	18	15	15	15	16	13	10	6	3	2	2	6	7	4	5	25	27	14
4	34	32	30	30	31	24	15	11	19	21	23	22	23	21	19	13	16	10	13	15	14	12	14	16	20
5	21	23	22	23	22	23	23	24	23	20	16	17	17	16	16	17	14	14	14	14	14	12	13	12	18
6	14	13	14	13	9	9	10	12	11	11	12	13	15	16	21	17	22	21	22	23	20	22	22	25	16
7	27	29	16	5	17	27	36	37	35	34	34	31	19	2	2	2	2	2	5	13	15	20	15	18	
8	12	2	3	17	27	34	39	47	48	40	31	7	13	9	2	11	20	34	33	31	28	24	17	23	
9	22	20	20	29	29	27	21	20	23	22	10	4	7	15	20	30	31	33	32	35	36	35	33	34	25
10	32	30	29	28	27	25	24	24	24	20	14	4	8	14	15	12	10	10	11	10	8	7	5	17	17
11	6	8	8	8	10	15	17	16	16	13	12	3	4	3	4	13	23	22	22	13	8	14	15	12	12
12	10	7	7	9	14	14	13	18	19	16	21	20	23	22	20	19	20	22	23	23	23	24	20	16	18
13	19	22	23	23	21	24	24	22	20	12	6	6	2	0	0	0	3	13	20	22	20	15	18	28	15
14	36	37	37	31	30	24	20	18	18	18	17	15	13	15	7	7	22	22	22	22	22	22	22	22	21
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	21	20	18	19	21	22	20	20	21	20	18	16	13	15	15	14	17	18	20	19	19	19	21	20	19

PERCENTAGE OF DATA VALID - 45

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR			DATA MISSING	
APR			DATA MISSING	
MAY			DATA MISSING	
JUN	17	45	68	211 <i>21</i>
JUL	31	49	104	150 <i>126</i>
AUG	31	48	91	172 <i>129</i>
SEP	30	31	65	143 <i>33</i>
OCT	31	21	34	76
NOV	14	19	26	51
YEAR	154	37	104	211

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - *MTC YARD 9 STOUFFVILLE

NO 48002

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	22	35	47	152	114	15	6	391
JUL	92	57	94	204	162	121	0	730
AUG	90	104	94	168	155	120	9	740
SEP	97	144	187	183	71	33	0	715
OCT	142	203	208	134	14	0	0	701
NOV	65	131	89	40	1	0	0	326
YEAR	503	674	719	881	517	289	15	3603

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	6.9	18.6	28.7	42.5	75.7	98.2	128.2	138.5	211	36.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS.

OTTAWA

NO 51001

MONTH JUL 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	1	1	1	3	2	1	1	2	7	11	12	7	4	4	13	8	5	5	5	3	12	30	27	36	8
18	37	43	50	44	40	37	15	12	11	17	35	46	60	85	83	64	64	95	68	79	68	58	49	32	51
19	46	35	31	30	27	23	23	19	24	24	25	24	14	12	21	23	24	27	26	26	21	16	17	18	24
20	18	20	21	18	20	20	19	21	23	25	29	30	29	29	31	30	31	33	26	16	3	9	15	16	22
21	18	25	17	19	18	18	18	19	23	27	35	32	39	40	39	38	36	36	28	26	2	0	0	0	23
22	0	0	0	0	1	0	0	2	7	35	40	43	40	43	35	37	35	37	35	37	35	37	35	37	19
23																									
24																									
25	0	0	1	3	3	2	5	18	20	28	34	32	40	40	41	42	43	37	34	8	0	0	0	0	18
26	0	1	4	6	8	7	8	7	15	22	23	29	34	27	19	24	15	13	10	5	1	1	0	1	12
27	2	2	8	11	6	4	5	11	28	35	42	57	65	66	66	61	67	58	55	41	27	25	13	23	32
28	49	53	55	48	41	37	35	31	30	34	37	41	41	44	42	42	52	57	44	42	38	38	37	44	42
29	51	48	38	38	20	5	0	1	11	16	11	7	7	7	15	8	21	18	17	17	11	12	15	18	17
30	23	23	26	25	22	13	18	22	32	32	23	29	30	27	28	16	25	22	20	13	2	2	6	5	20
31	6	3	1	17	14	6	1	3	13	29	27	15	16	27	25	7	11	14	10	4	8	11	3	16	12
MEAN	19	20	19	20	17	13	11	13	19	26	29	30	32	32	33	30	33	32	28	21	14	15	13	15	22

PERCENTAGE OF DATA VALID - 43

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS.

OTTAWA

NO 51001

MONTH AUG 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	21	18	16	8	6	11	5	6	8	10	10	12	10	12	13	10	8	4	0	0	0	10	
2	1	3	5	5	2	1	1	1	2	4	3	3	7	12	11	10	7	7	7	4	6	8	5	5	
3	4	4	4	3	3	2	2	4	8	8	4	1	3	7	13	19	21	18	12	13	16	8	6	1	8
4	8	2	10	14	17	18	14	12	13	14	15	19	19	16	12	17	17	16	15	15	16	17	15	15	
5	15	14	14	13	12	11	10	10	13	10	11	11	15	14	11	9	10	8	7	5	2	1	0	1	9
6	0	1	0	1	1	0	2	2	7	10	15	19	13	12	13	12	12	14	11	3	0	1	2	2	6
7	12	16	14	10	8	3	2	3	10	14	16	17	16	16	15	14	13	13	10	3	10	8	7	9	11
8	11	13	13	14	13	11	6	8	14	12	9	9	11	10	5	4	5	5	4	2	1	0	0	0	8
9	4	3	2	3	2	3	3	3	6	6	8	8	9	10	9	9	8	8	4	1	2	3	1	0	5
10	2	2	3	3	4	4	5	8	9	11	11	12	12	12	13	14	14	16	19	13	9	11	1	2	9
11	3	3	4	5	5	6	7	7	9	11	16	19	18	19	20	19	18	17	12	3	1	4	2	0	10
12	0	1	4	4	5	5	2	1	14	27	31	28	23	23	29	20	15	14	13	16	14	13	14	10	13
13	13	16	15	13	8	2	1	1	12	19	18	25	25	26	29	27	30	25	23	14	5	4	11	9	15
14	8	8	8	8	7	5	3	5	7	9	11	11	14	15	14	13	14	14	12	9	5	2	3	7	9
15	7	8	8	7	6	5	6	9	14	16	18	18	18	19	19	17	17	13	11	5	1	0	0	0	9
16	0	0	0	0	1	0	0	1	3	13	27	28	27	25	26	26	26	19	12	2	4	7	4	4	11
17	0	0	0	2	6	5	5	5	3	4	6	7	14	21	25	27	29	28	16	10	10	12	6	10	10
18	9	8	8	8	7	7	8	12	13	15	14	15	20	22	23	22	21	20	17	3	1	8	2	5	12
19	20	24	15	11	9	6	3	9	17	21	25	30	30	27	23	19	18	15	11	3	0	0	0	0	14
20	0	1	1	2	3	2	1	3	7	19	31	30	28	28	26	26	24	18	12	5	3	2	2	0	11
21	0	0	1	2	2	1	1	2	3	18	25	37	44	47	47	41	38	34	24	17	27	24	19	18	20
22	25	30	25	9	6	1	1	3	8	18	34	49	50	49	43	45	46	47	42	37	34	29	27	27	29
23	29	20	30	28	14	4	0	3	8	32	34	43	51	47	39	37	27	22	12	10	13	16	5	9	22
24	10	11	9	8	8	6	6	5	6	4	3	3	7	9	9	9	9	8	5	2	1	2	2	0	6
25	1	1	1	3	3	3	3	5	7	12	11	13	13	13	13	13	12	9	4	1	1	1	0	0	6
26	0	1	1	1	2	1	2	3	4	7	11	15	17	17	18	19	20	18	19	19	22	22	17	22	12
27	26	26	26	25	19	14	4	4	10	10	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9	9	9	8	7	5	4	5	9	13	16	18	20	20	20	19	19	17	13	9	8	8	6	6	11

PERCENTAGE OF DATA VALID - 85

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH SEP 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	3	1	3	5	3	0	0	0	0	0	1	5	27	33	40	36	32	34	30	33	36	34	30	30	17
12	31	37	32	31	29	13	1	1	6	6	4	4	5	4	3	4	4	2	1	1	1	2	5	5	10
13	7	8	6	5	5	2	0	0	1	6	11	17	20	24	23	25	9	12	9	11	8	5	7	12	10
14	10	9	10	12	13	11	10	11	13	19	19	21	25	25	25	20	18	12	10	5	2	2	5	13	13
15	9	16	20	20	19	17	15	17	21	30	38	44	48	45	48	49	44	32	21	16	16	16	15	14	26
16	12	14	12	12	9	6	2	7	13	13	16	22	20	21	21	19	21	13	5	2	0	0	1	8	11
17	4	12	12	14	15	10	5	8	17	22	24	32	32	24	15	9	14	11	18	22	20	17	11	11	16
18	12	15	16	17	11	7	2	8	16	22	26	29	30	34	33	28	25	15	1	1	1	1	0	15	15
19	0	0	0	1	2	1	1	1	2	4	10	27	38	45	44	36	29	30	10	2	0	0	1	2	12
20	3	6	9	10	10	6	1	3	20	27	31	27	****	29	22	20	9	3	4	3	4	4	6	8	12
21	7	7	8	6	6	4	3	4	5	4	5	2	5	4	4	6	10	9	4	3	5	5	8	11	6
22	10	9	11	14	14	10	7	10	14	16	16	16	22	27	28	25	22	20	12	13	15	16	20	21	16
23	20	21	22	22	17	9	7	10	16	21	24	27	23	25	22	20	23	9	3	1	0	0	0	0	14
24	0	0	0	0	2	0	0	2	4	10	25	26	21	17	15	12	10	6	5	4	5	10	13	17	9
25	24	27	23	21	10	4	3	14	17	7	****	0	3	5	4	2	1	3	5	6	6	2	5	10	9
26	13	14	13	12	12	8	4	3	4	3	10	14	18	15	8	4	3	2	2	2	2	3	4	3	7
27	2	1	1	0	0	1	1	1	4	13	21	44	56	65	65	58	50	33	18	25	15	7	3	12	21
28	13	20	27	27	24	25	18	23	14	17	24	27	31	34	28	23	20	12	9	7	9	5	4	2	18
29	8	11	13	12	11	9	4	7	11	14	16	20	18	24	28	26	26	19	10	14	17	21	25	28	16
30	29	32	34	34	30	23	18	15	24	25	26	24	24	24	21	20	23	21	22	25	26	22	16	23	24
MEAN	11	13	14	14	12	8	5	7	11	14	18	21	25	25	24	21	19	15	10	10	9	8	9	11	14

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH OCT 74

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	22	23	18	10	5	4	3	10	22	28	29	25	25	26	17	13	6	2	2	6	10	6	5	14
2	12	11	12	12	13	7	9	13	15	19	17	14	20	22	20	21	15	13	16	16	16	17	15	17	15
3	19	20	20	20	18	12	7	11	14	15	****	19	19	21	21	17	16	9	1	1	1	2	4	4	13
4	8	5	6	9	6	2	1	3	8	16	18	19	22	24	26	21	11	5	1	0	0	1	0	2	9
5	2	0	1	1	0	0	0	1	2	4	11	17	29	31	30	29	27	30	24	20	25	29	24	27	15
6	38	38	37	47	30	19	12	31	38	48	52	57	49	65	58	58	53	41	32	44	52	47	49	50	44
7	52	51	47	34	23	16	10	16	19	15	14	15	16	20	17	16	11	6	2	3	7	8	7	8	18
8	9	5	7	7	7	2	1	1	4	12	20	21	22	****	8	13	10	8	2	1	1	0	1	1	7
9	0	0	0	1	2	1	1	1	1	1	1	2	4	4	3	3	2	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1
11	0	0	0	0	0	0	1	1	0	0	0	0	0	20	17	13	7	4	1	0	1	1	1	1	3
12	2	1	1	0	0	0	0	0	0	0	1	5	9	9	8	8	10	14	4	1	1	1	1	4	4
13	15	15	15	16	12	13	8	11	17	15	17	19	20	17	17	16	12	6	0	0	1	1	3	5	11
14	11	9	5	3	1	0	0	0	0	0	0	1	8	10	19	26	29	26	25	25	18	12	12	15	11
15	21	20	18	19	17	11	3	6	7	9	15	16	15	17	16	16	12	6	1	0	0	0	0	0	10
16	0	0	1	0	0	0	0	0	1	2	8	14	10	15	15	13	9	5	0	1	1	0	0	1	4
17	4	4	4	3	1	1	1	1	1	4	7	10	****	1	1	2	2	3	4	5	6	7	8	8	4
18	9	7	6	6	6	4	2	2	3	4	5	6	4	5	4	3	3	2	1	1	1	2	1	2	4
19	2	3	5	4	6	6	4	5	5	6	6	7	7	7	8	7	6	5	4	2	2	5	5	4	5
20	2	5	5	7	8	9	8	12	10	12	11	11	10	11	11	12	9	9	8	9	8	3	3	5	8
21	5	6	5	6	6	3	0	0	1	2	5	6	6	5	4	4	2	0	0	1	1	2	0	0	3
22	1	3	2	2	0	0	0	0	1	2	5	****	12	16	19	7	3	3	4	4	9	13	30	32	7
23	31	28	25	26	20	9	2	2	7	17	17	22	21	24	22	19	16	15	14	8	14	16	18	25	17
24	18	16	7	2	4	0	0	0	0	12	16	22	23	22	17	13	8	4	6	8	5	5	4	3	9
25	7	14	17	17	12	8	1	1	3	7	17	26	24	21	20	16	15	17	19	18	21	21	22	21	15
26	13	11	10	14	10	17	10	8	9	14	20	21	19	19	19	14	4	2	2	9	17	23	24	23	14
27	28	34	33	31	36	36	33	30	33	34	34	32	32	31	31	28	23	11	1	3	2	1	2	2	23
28	2	1	1	1	0	0	1	1	2	3	5	9	14	21	21	13	2	1	10	10	15	12	5	3	6
29	0	0	0	0	2	2	0	1	2	3	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	1	1	2	2	1	0	0	0	1	1	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1
31	0	0	0	1	0	0	0	0	0	0	1	3	6	5	7	5	1	1	3	4	4	5	4	4	2
MEAN	11	11	10	10	8	6	4	5	7	10	12	15	16	17	16	14	11	8	6	7	8	8	8	9	10

PERCENTAGE OF DATA VALID - 97

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH NOV 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	10	14	15	15	12	5	2	6	12	9	11	10	14	11	8	5	5	7	7	8	11	18	21	10
2	23	25	24	25	26	25	23	25	25	22	23	24	22	23	20	15	6	6	8	8	3	1	1	1	17
3	1	0	0	0	2	2	1	2	3	5	8	12	13	11	11	10	4	6	4	5	3	2	3	3	5
4	2	3	2	2	2	3	2	3	6	11	11	15	11	15	15	13	5	1	1	1	0	0	1	1	5
5	3	6	6	6	6	4	1	1	3	6	9	11	12	11	12	5	3	2	3	3	2	2	3	3	5
6	5	8	10	8	8	7	3	1	2	3	4	10	13	14	13	10	3	1	1	1	1	2	2	3	6
7	7	6	3	4	8	8	6	2	4	8	12	16	15	16	***	***	0	0	0	0	0	0	0	0	5
8	0	0	0	0	1	0	0	1	0	1	7	11	13	12	12	9	7	9	10	7	8	10	12	12	6
9	15	14	14	15	16	16	14	14	11	9	9	10	8	8	6	8	5	7	6	4	2	2	3	3	9
10	5	5	2	5	9	9	9	11	11	11	8	9	8	8	8	6	6	6	7	6	3	5	7	7	7
11	7	5	5	0	0	2	2	1	3	4	6	8	6	7	4	4	2	0	0	0	0	0	0	2	3
12	1	1	2	3	2	2	1	2	2	4	7	8	10	9	4	3	2	2	1	1	0	0	0	0	3
13	2	4	6	14	21	14	15	14	12	18	18	17	18	17	9	7	2	3	5	4	4	4	4	8	10
14	11	9	10	10	8	8	4	5	5	10	16	18	12	11	11	9	4	6	5	7	8	7	5	4	8
15	7	11	20	20	18	13	5	4	4	9	14	15	16	12	9	8	3	4	5	7	9	8	8	8	10
16	10	13	13	14	17	17	15	16	19	22	25	24	28	28	25	22	15	3	1	1	0	0	0	2	14
17	1	0	0	0	0	0	0	0	0	0	2	5	5	5	7	5	2	2	2	4	2	3	5	7	2
18	5	7	10	10	9	8	5	4	4	8	13	17	18	18	19	15	3	0	0	0	1	5	7	7	8
19	9	15	14	7	11	1	0	0	1	2	4	0	***	***	***	***	***	***	***	***	***	***	***	***	***
20	3	6	10	11	8	9	8	5	4	6	8	7	5	6	7	5	4	4	6	9	10	10	12	15	7
21	17	18	19	20	20	19	18	14	11	16	24	25	26	26	25	26	27	28	30	33	35	31	28	33	24
22	35	37	35	33	35	33	23	16	20	27	29	29	30	24	23	20	12	5	6	2	0	0	0	0	20
23	0	0	0	2	2	5	4	2	3	6	5	4	8	9	9	7	3	3	2	2	2	3	1	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	4	8	12	2
25	18	20	20	21	21	20	18	14	16	19	18	17	19	21	22	22	22	19	15	23	26	27	31	26	21
26	27	28	33	34	34	27	26	23	22	26	30	34	28	26	26	21	16	15	15	14	13	10	8	8	23
27	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	2
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	8	10	10	10	11	10	8	7	7	10	12	13	14	14	12	10	6	6	6	6	6	6	7	7	9

PERCENTAGE OF DATA VALID - 86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

MONTH DEC 74

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	2	1	8	***
5	12	4	2	1	1	0	0	1	1	1	3	5	3	3	2	1	1	1	1	1	1	1	1	0	2	
6	1	0	0	0	0	0	1	1	1	1	2	3	3	4	3	1	1	1	1	2	1	0	0	0	1	
7	2	1	1	1	1	2	3	2	3	4	5	7	6	4	3	2	1	1	1	1	1	1	1	2	2	
8	1	0	1	1	1	2	2	1	1	3	5	5	6	4	4	4	3	4	1	1	1	1	1	1	2	
9	1	1	1	4	7	12	12	10	11	13	16	17	16	16	16	15	12	8	9	9	14	15	17	15	11	
10	16	20	24	26	26	26	20	14	16	19	17	13	6	7	4	2	1	0	0	2	1	1	2	2	11	
11	3	1	1	3	3	3	1	1	1	2	4	3	4	4	***	***	0	0	0	0	0	0	0	0	2	
12	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	4	2	0	2	1	1	6	3	3	10	2
14	14	17	17	16	15	17	17	18	17	17	16	16	17	17	17	14	7	10	10	6	4	8	6	4	13	
15	5	7	7	8	9	11	10	4	9	14	14	14	15	17	17	14	12	12	12	12	12	12	12	11	11	
16	13	15	15	15	16	16	12	8	8	8	10	9	7	7	7	6	2	2	3	7	9	8	8	8	9	
17	10	11	13	14	14	13	11	6	5	7	8	8	6	8	8	6	1	0	1	1	0	1	3	3	7	
18	2	7	9	7	7	7	1	0	0	0	1	3	2	5	3	2	0	0	5	8	5	4	7	7	4	
19	7	7	6	5	2	7	4	1	0	0	1	2	2	***	***	1	1	0	0	0	0	3	5	0	2	
20	2	2	3	2	1	1	0	0	0	1	3	4	3	4	4	1	0	0	0	0	1	1	2	3	2	
21	4	2	1	0	0	0	0	1	2	3	4	7	8	10	7	5	3	2	2	1	2	1	4	3	3	
22	3	2	1	1	4	6	8	7	7	7	11	19	14	11	6	3	1	1	0	0	0	0	0	0	5	
23	0	0	1	1	1	0	0	0	0	1	3	6	***	***	***	***	***	***	***	***	***	***	***	***	***	
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30													- DATA MISSING -													
31													- DATA MISSING -													
MEAN	5	5	5	6	6	7	5	4	4	5	6	7	7	7	6	5	3	2	3	3	3	3	4	4	5	

PERCENTAGE OF DATA VALID - 60

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1974

STATION - MACDONALD GDNS. OTTAWA

NO 51001

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNITS - PARTS/BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	15	22	51	95
AUG	27	11	29	51
SEP	21	14	26	65
OCT	31	10	44	65
NOV	27	9	24	37
DEC	20	5	13	26
YEAR	141	11	51	95

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 74

POLLUTANT - OZONE-CHEMILUMINESCENCE

UNIT - PARTS/BILLION

STATION - MACDONALD GDNS. OTTAWA

NO 51001

	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81 TO 150	151 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	DATA MISSING							
JUL	97	71	66	70	18	5	0	327
AUG	346	193	67	26	1	0	0	633
SEP	233	121	94	37	4	0	0	489
OCT	465	155	66	32	9	0	0	727
NOV	418	131	62	15	0	0	0	626
DEC	370	73	4	0	0	0	0	447
YEAR	1929	744	359	180	32	5	0	3249

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	0	0.7	2.4	7.1	14.1	26.1	33.2	44.3	51.3	95	11.2

247
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